FIG. 1

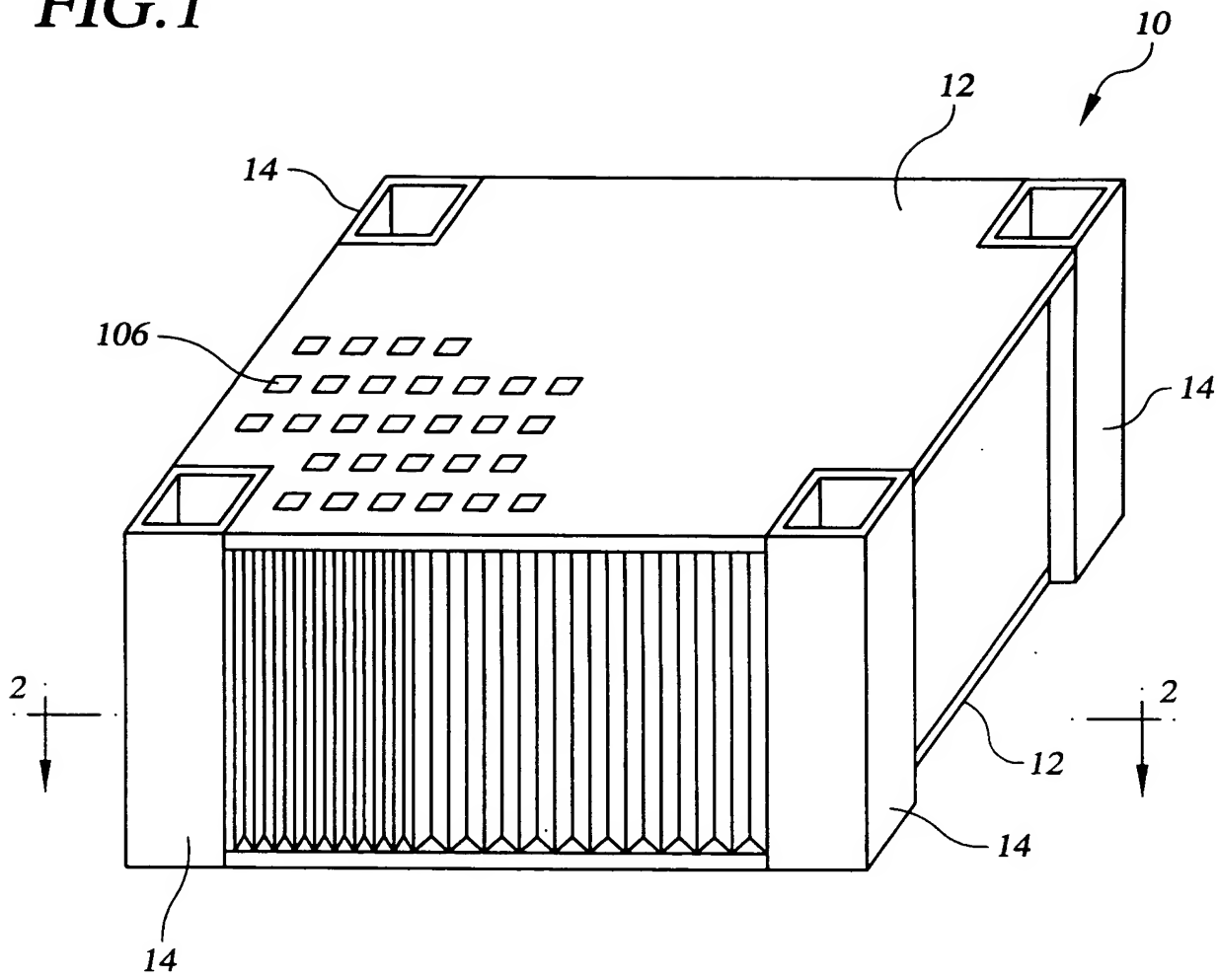

FIG.2

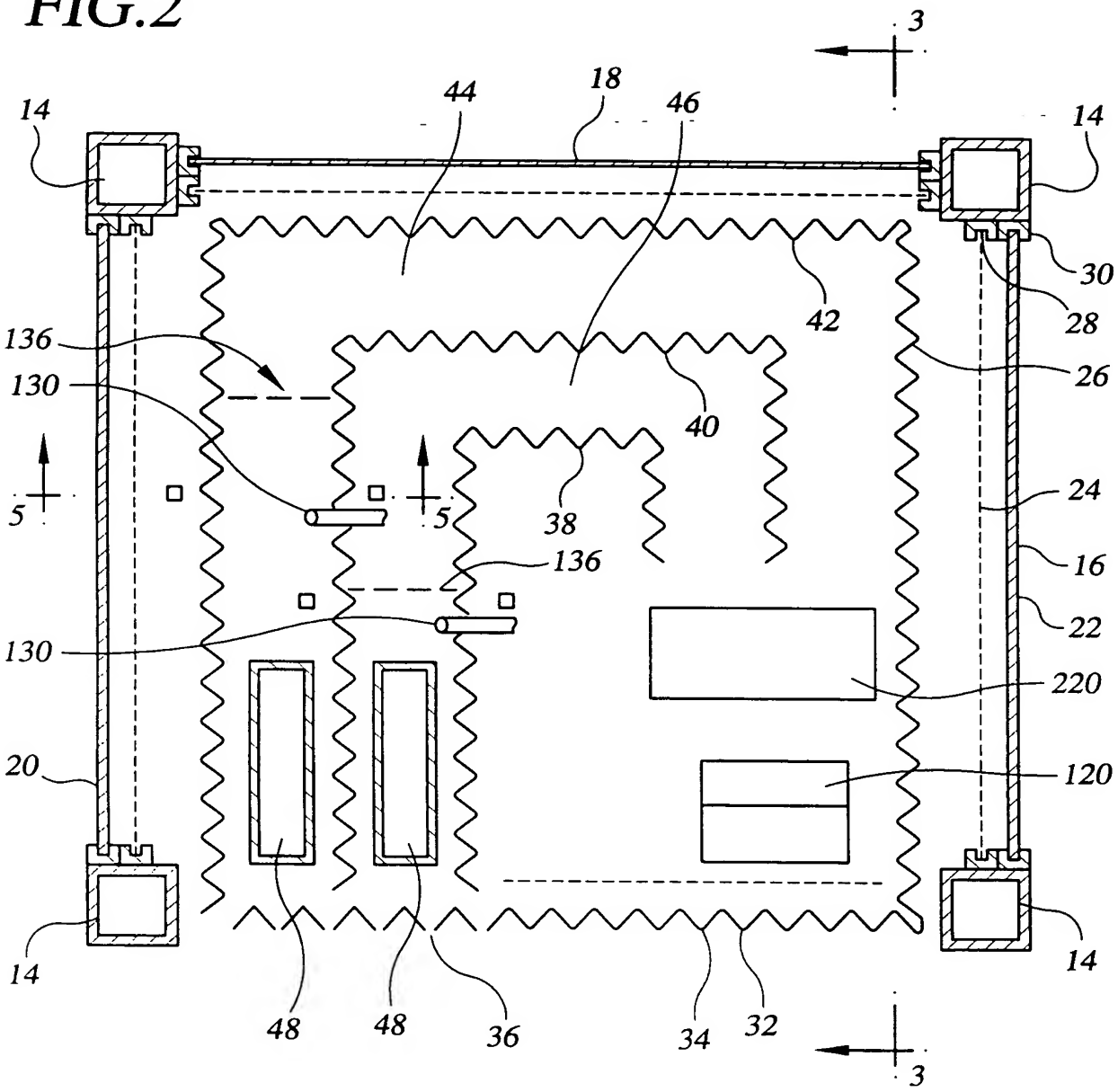
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FIG.3

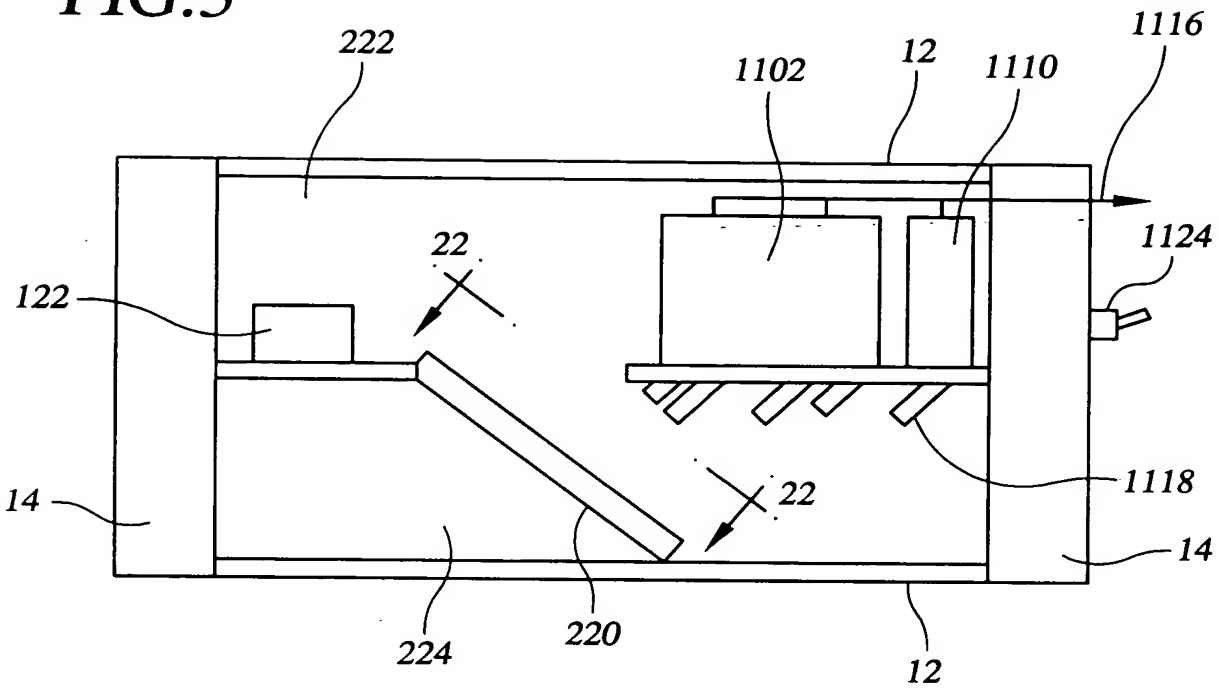


FIG.4

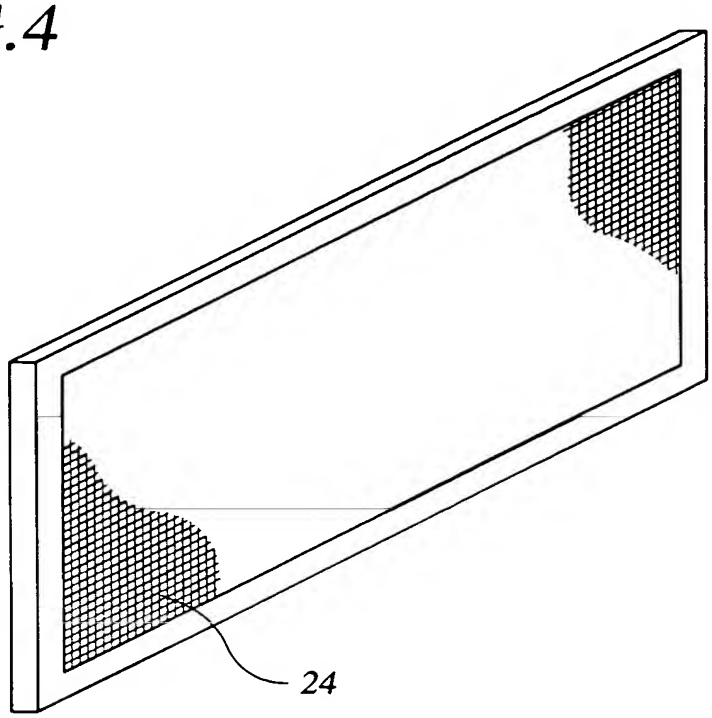
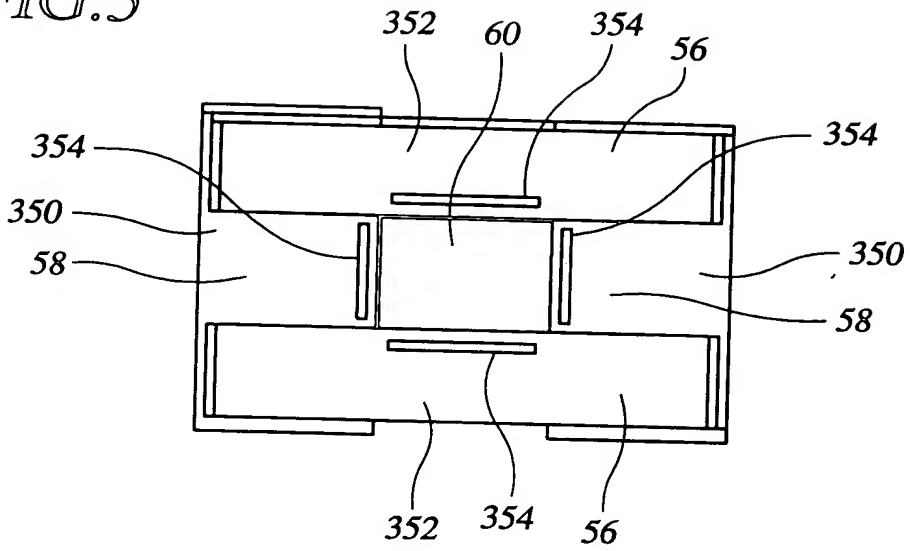


FIG.5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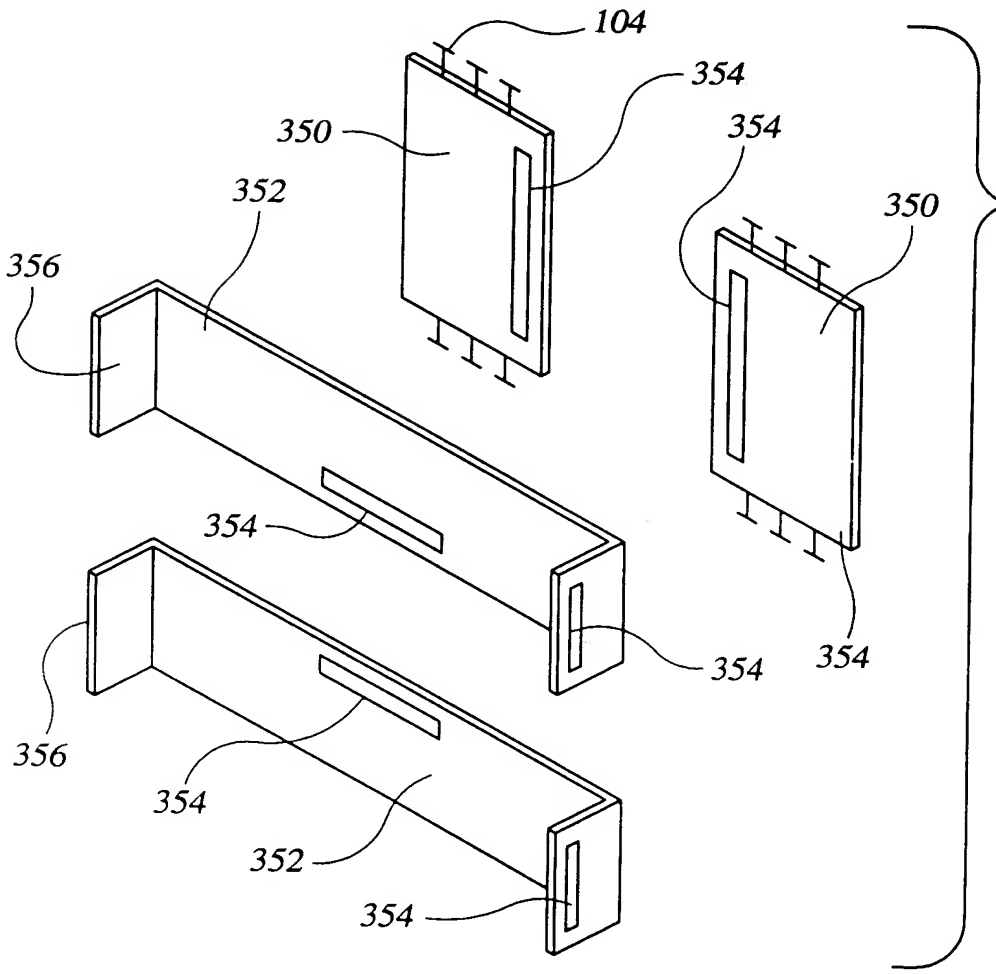
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FIG.6

FIG. 7

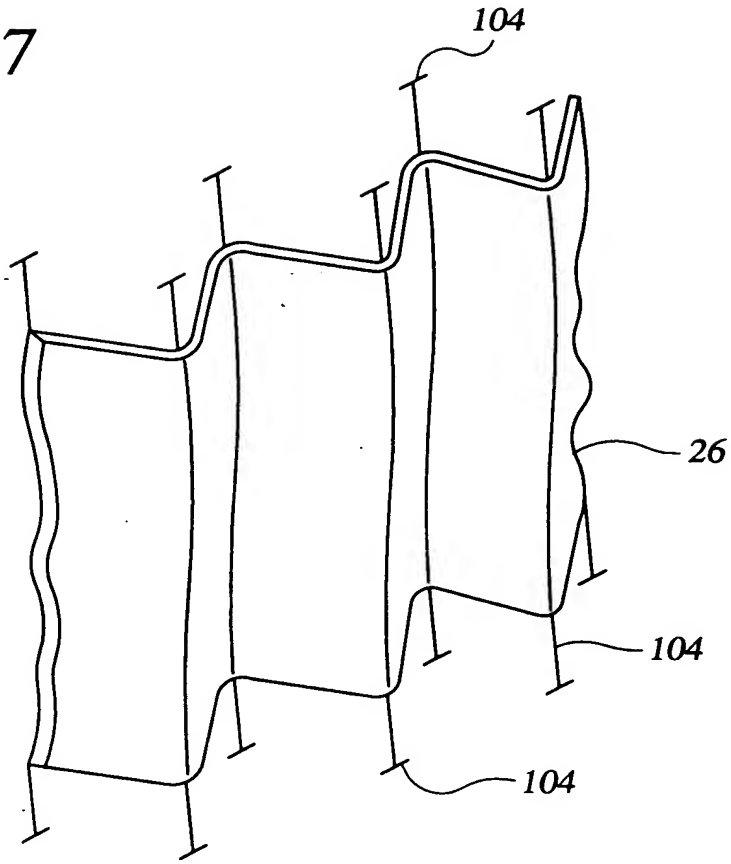

FIG. 8

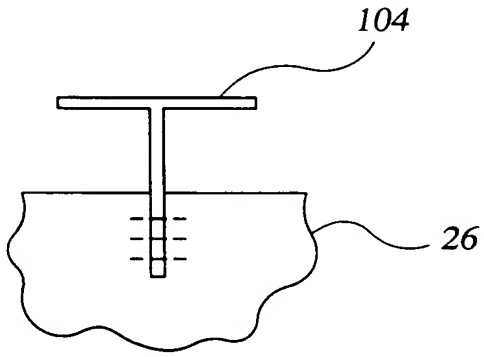

FIG.9

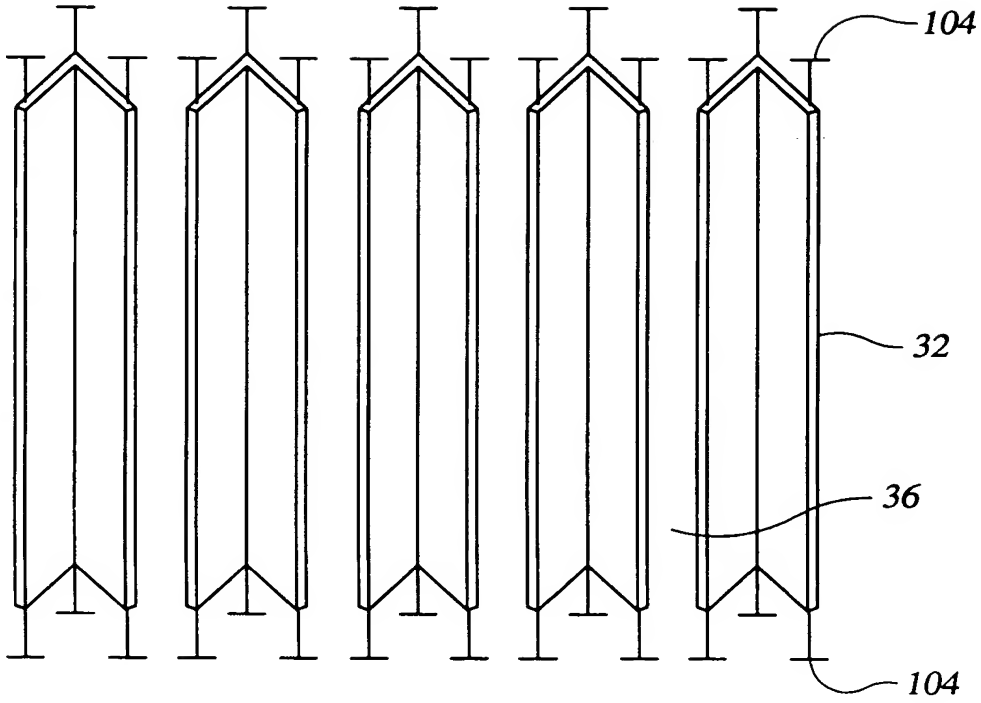

FIG.10

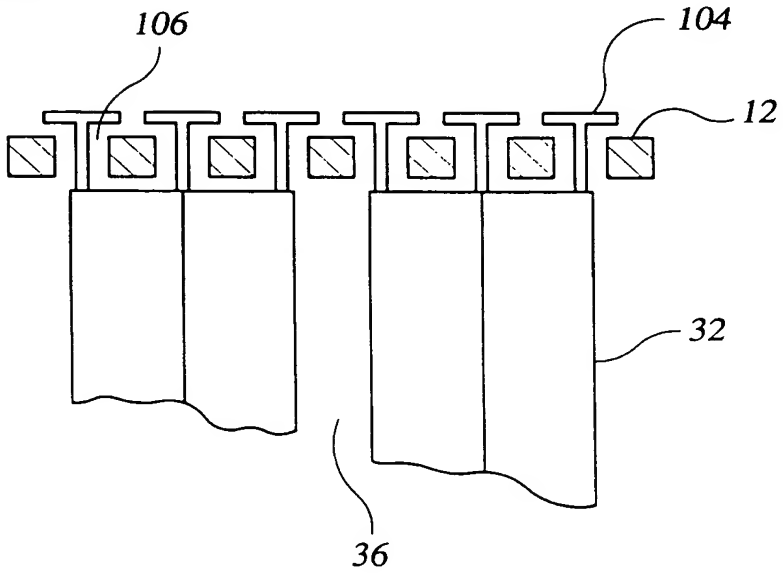

FIG.11

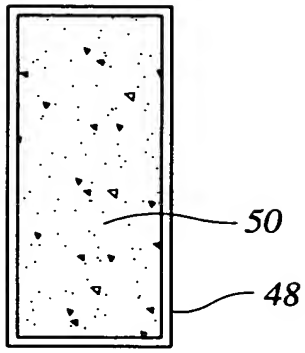

FIG.12

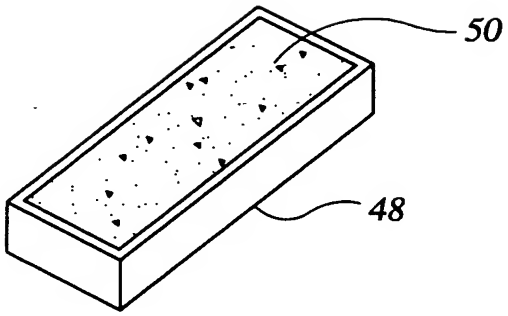

FIG.13

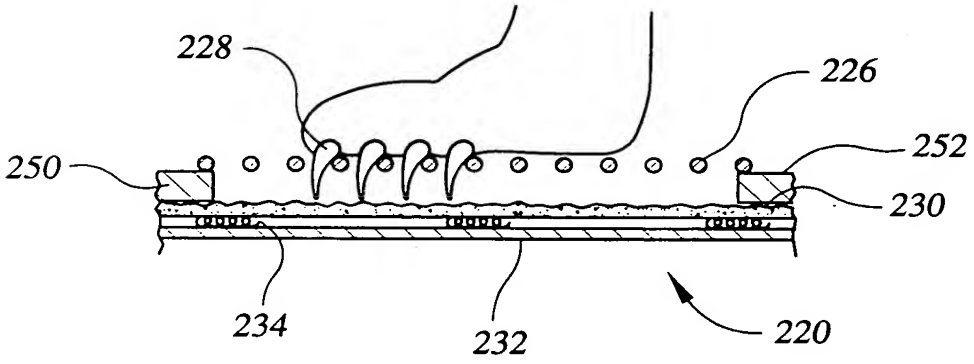

FIG.14

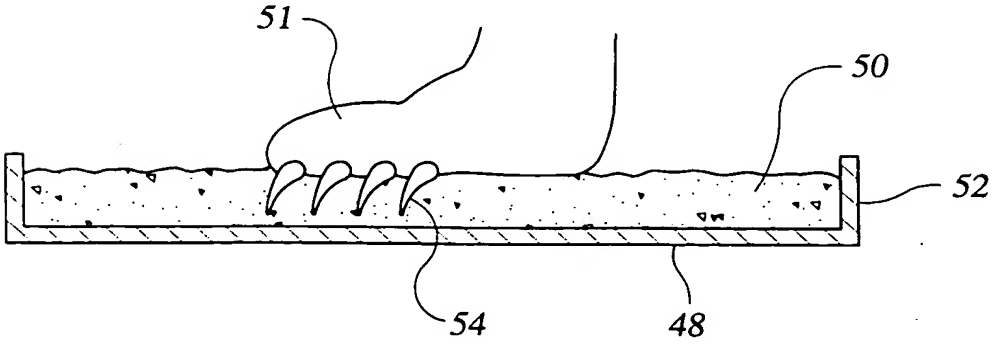

FIG.15

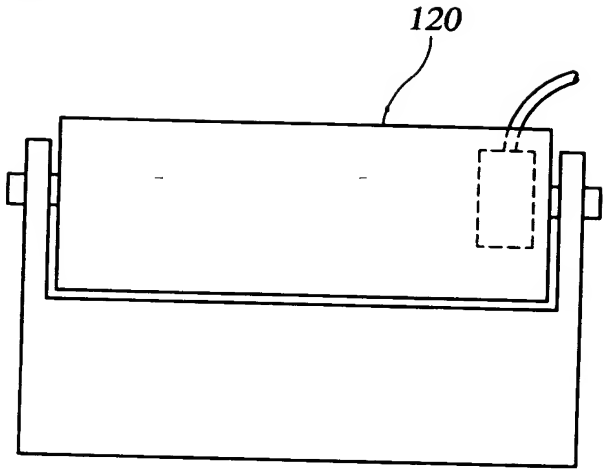

FIG.16

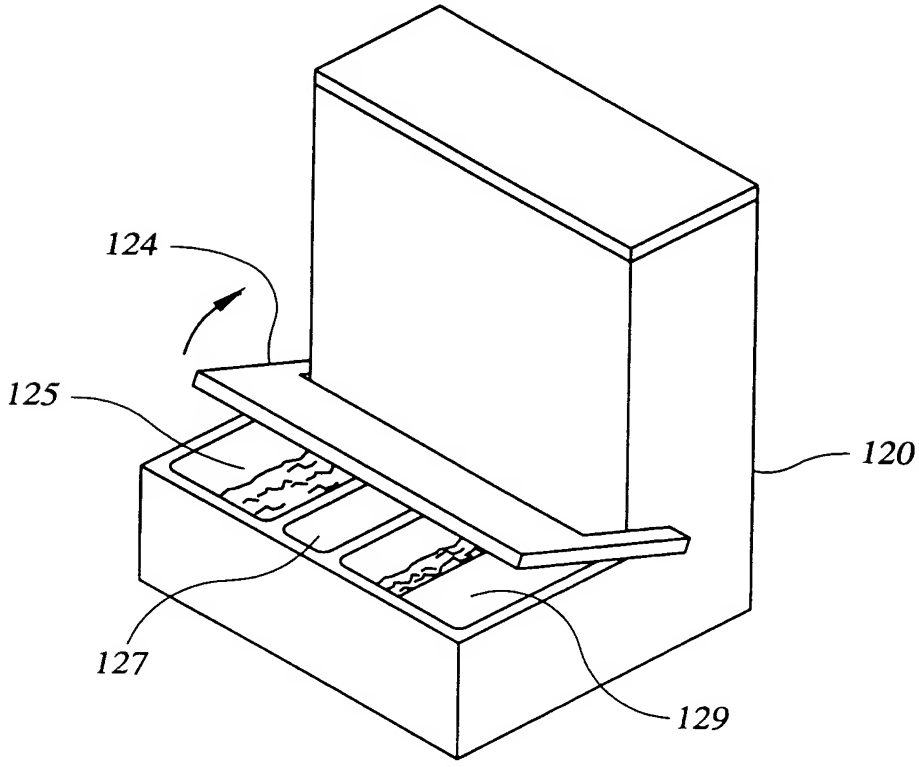

FIG.17

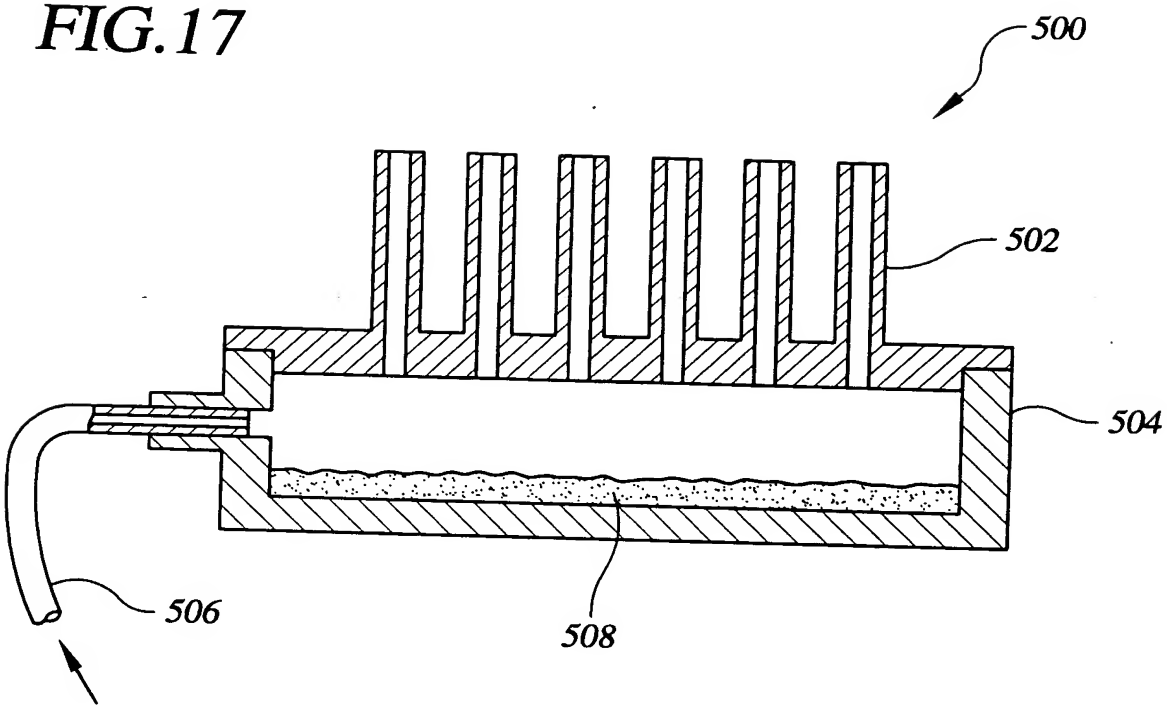
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FIG.18

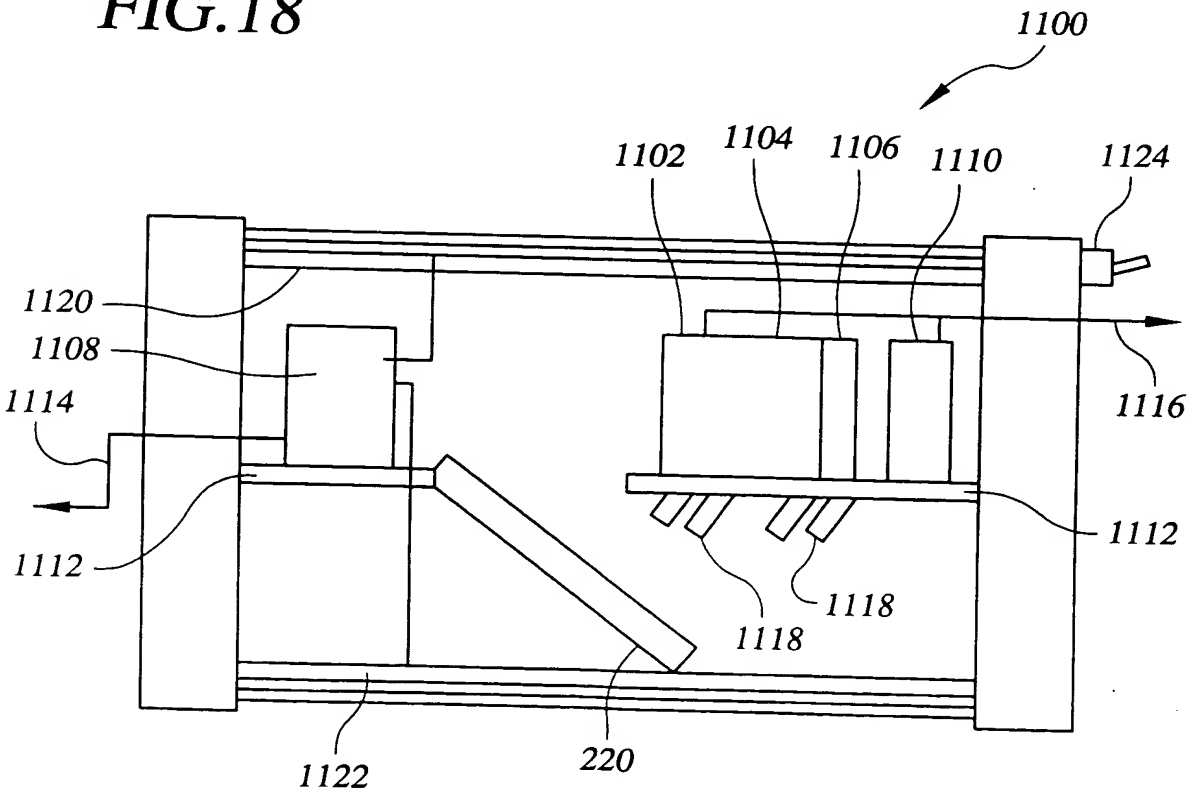
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FIG.19

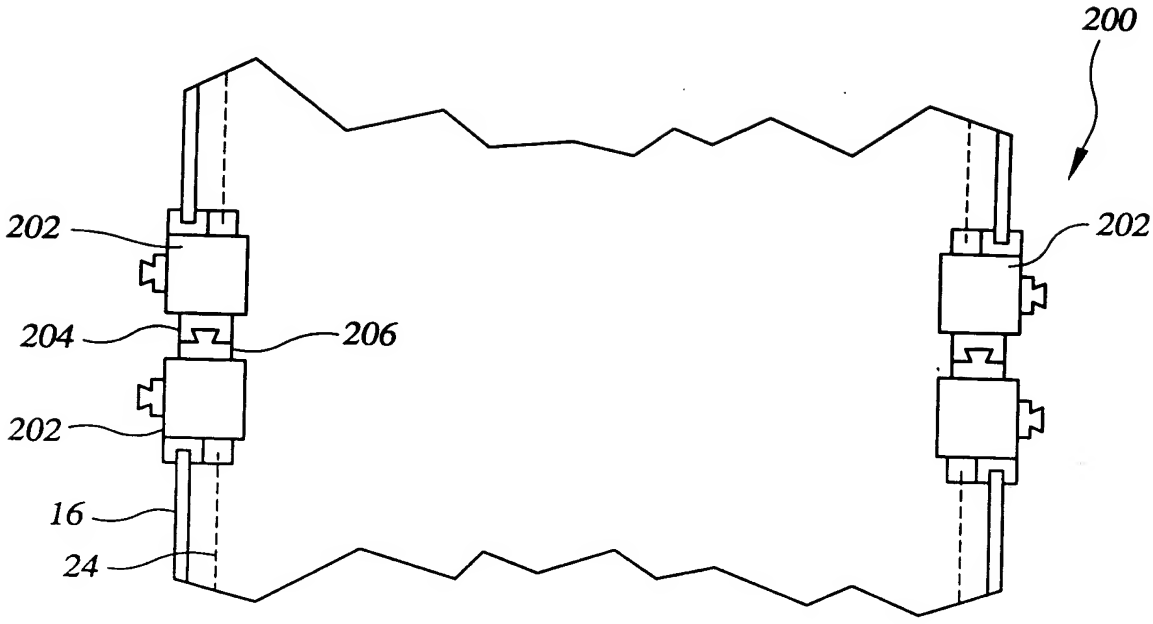

FIG.20

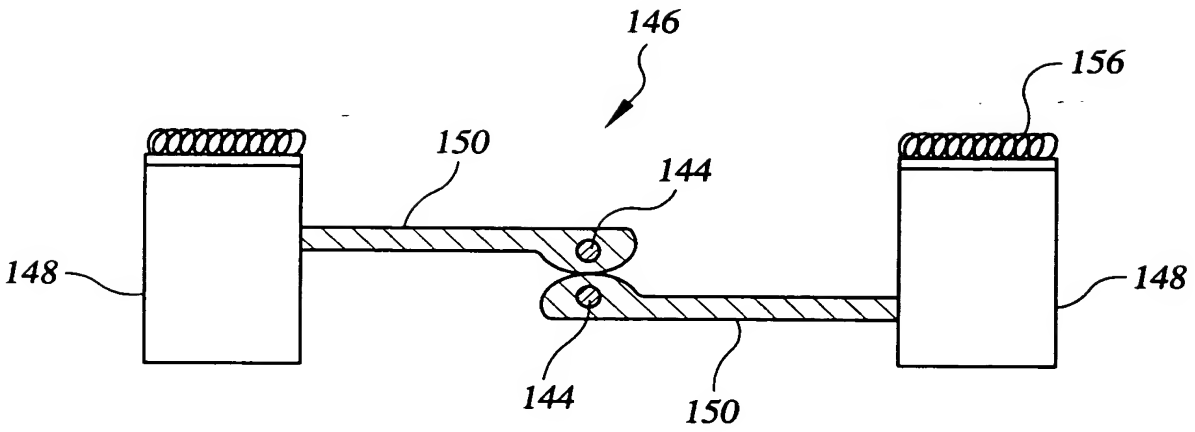
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FIG.21

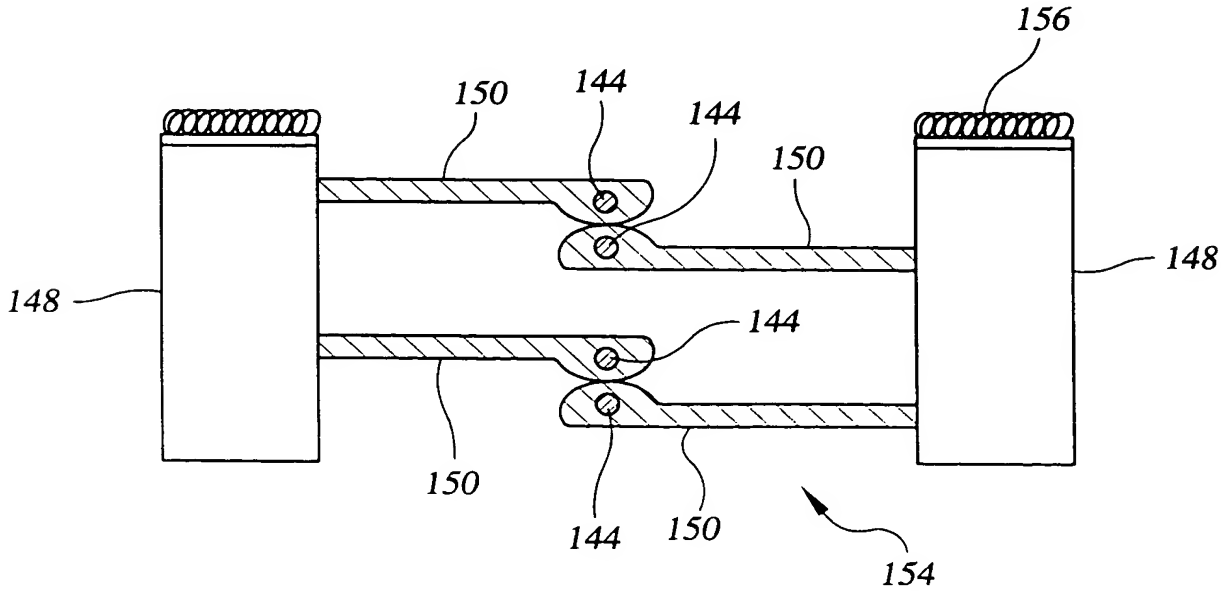
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FIG.22

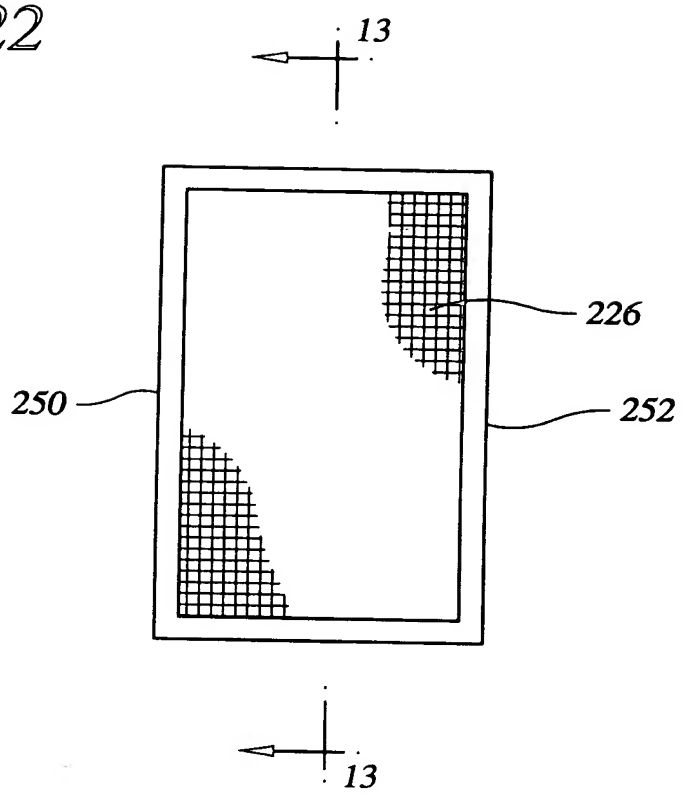

FIG.23

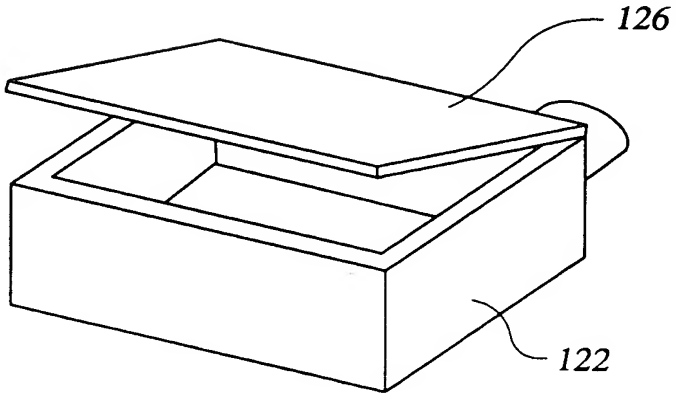

FIG.24

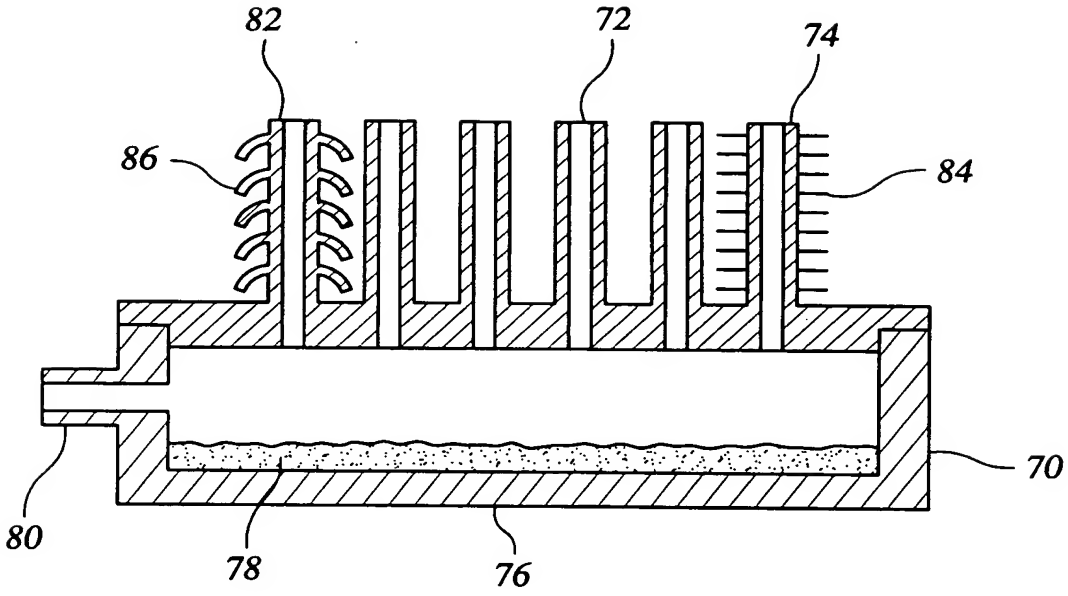

FIG.25

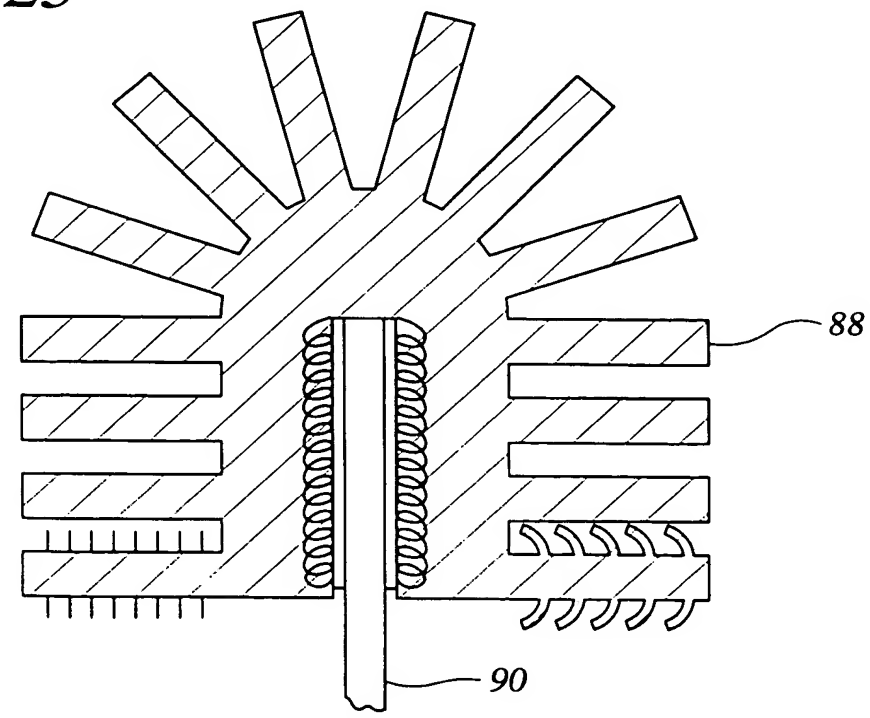

FIG.26

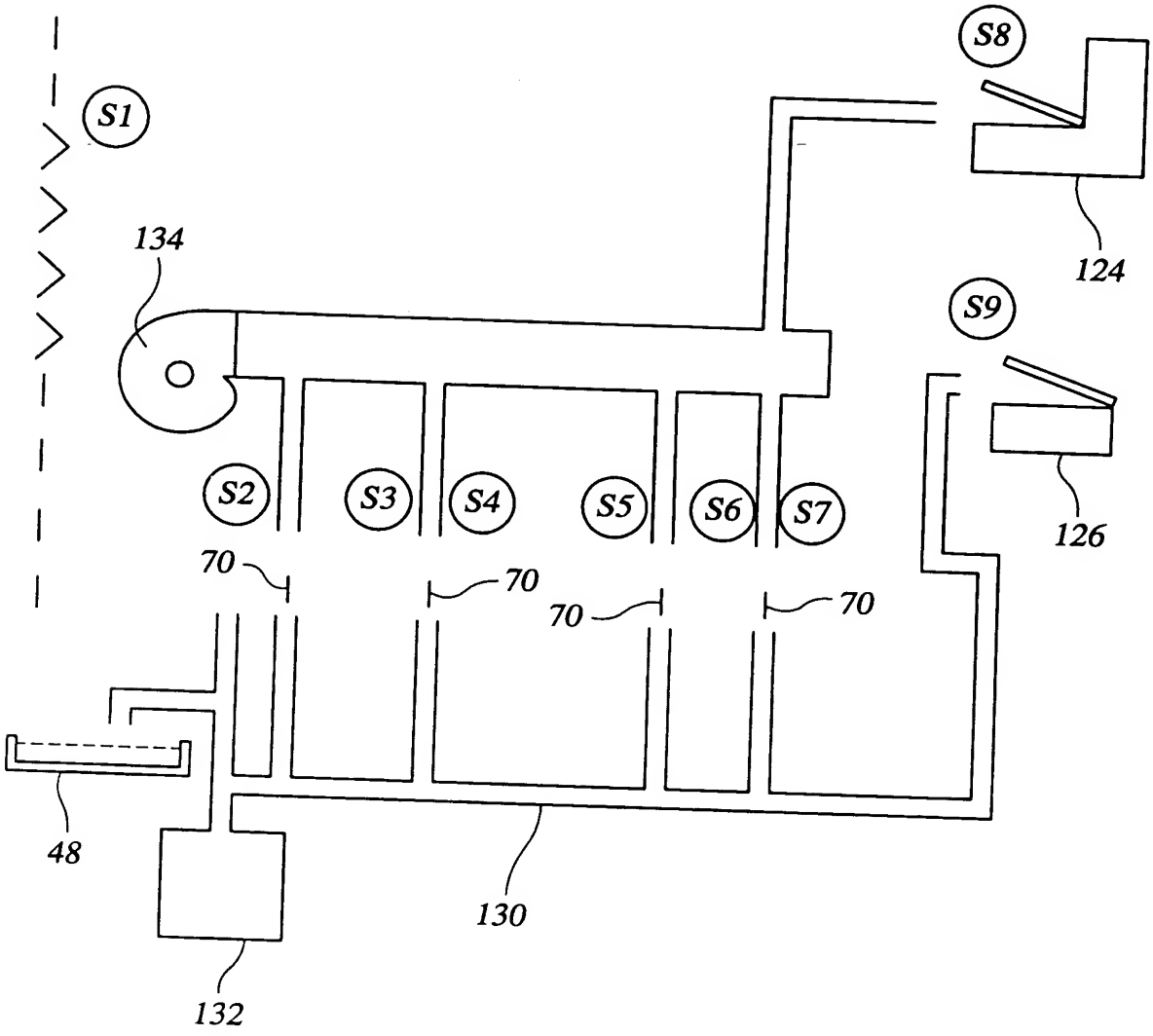

FIG.27

NOTE: A SENSOR IS ON WHEN THERE IS A CAT NEAR THE SENSOR

SENSOR	SENSOR STATUS	RESULT
S2 AND S3 AND S4	ON	BRUSH BLOWER ON BRUSH BLOWER TIMER STARTED FEEDING STATION LID OPEN FEEDING STATION TIMER STARTED
S2 OR S3 OR S4	OFF	BRUSH BLOWER OFF FEEDING STATION LID CLOSED
S5, S6 AND S7	ON	BRUSH BLOWER ON BRUSH BLOWER TIMER STARTED FEEDING STATION LID OPEN FEEDING STATION TIMER STARTED
S1	ON	FEEDING STATION OPEN IONIZER ON
S8	ON	FEEDING STATION LID OPEN FEEDING STATION TIMER ON
S9	ON	LITTER BOX LID OPEN LITTER BOX TIMER ON

FIG.28

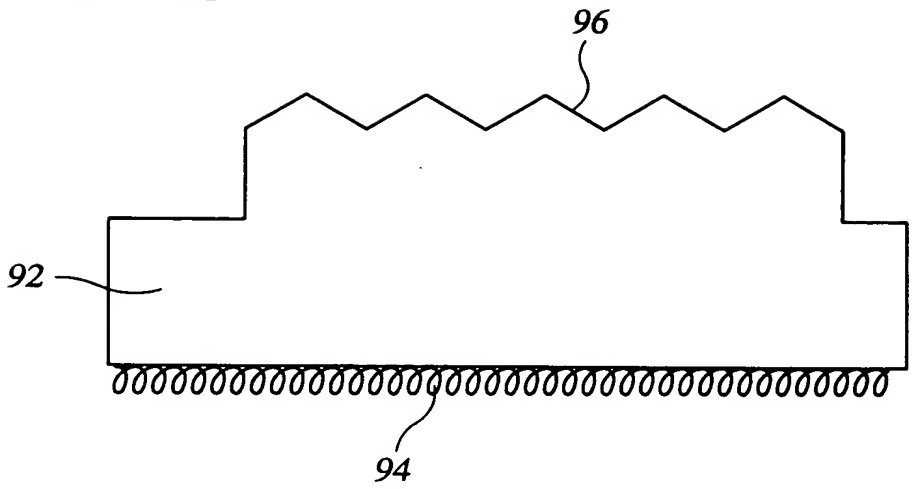

FIG.29

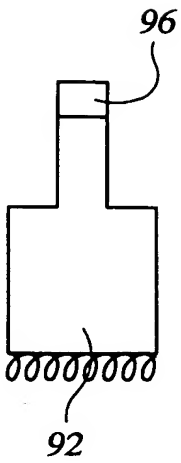

FIG.30

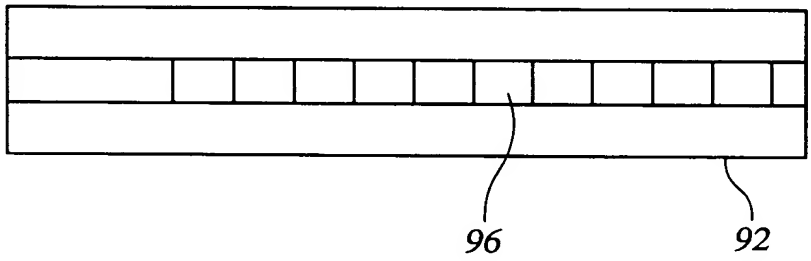

FIG.31

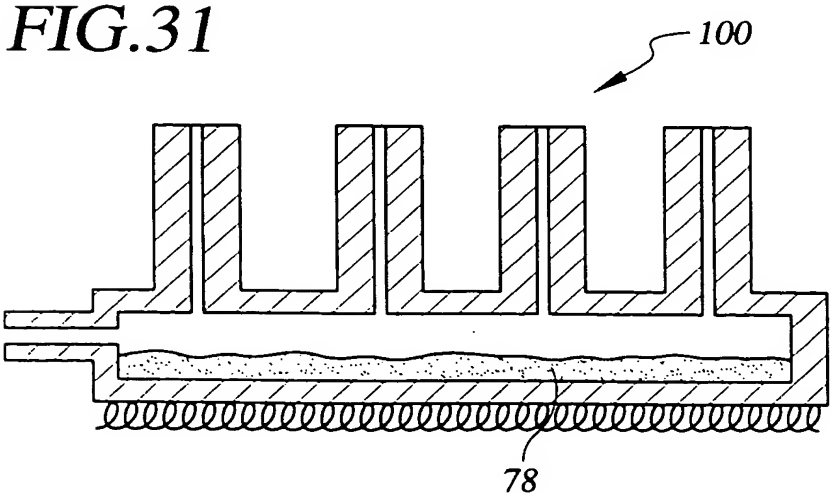

FIG.32

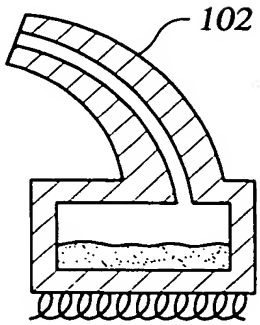

FIG.33

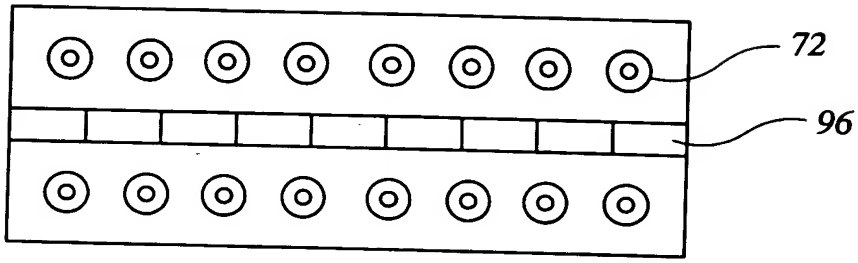

FIG.34

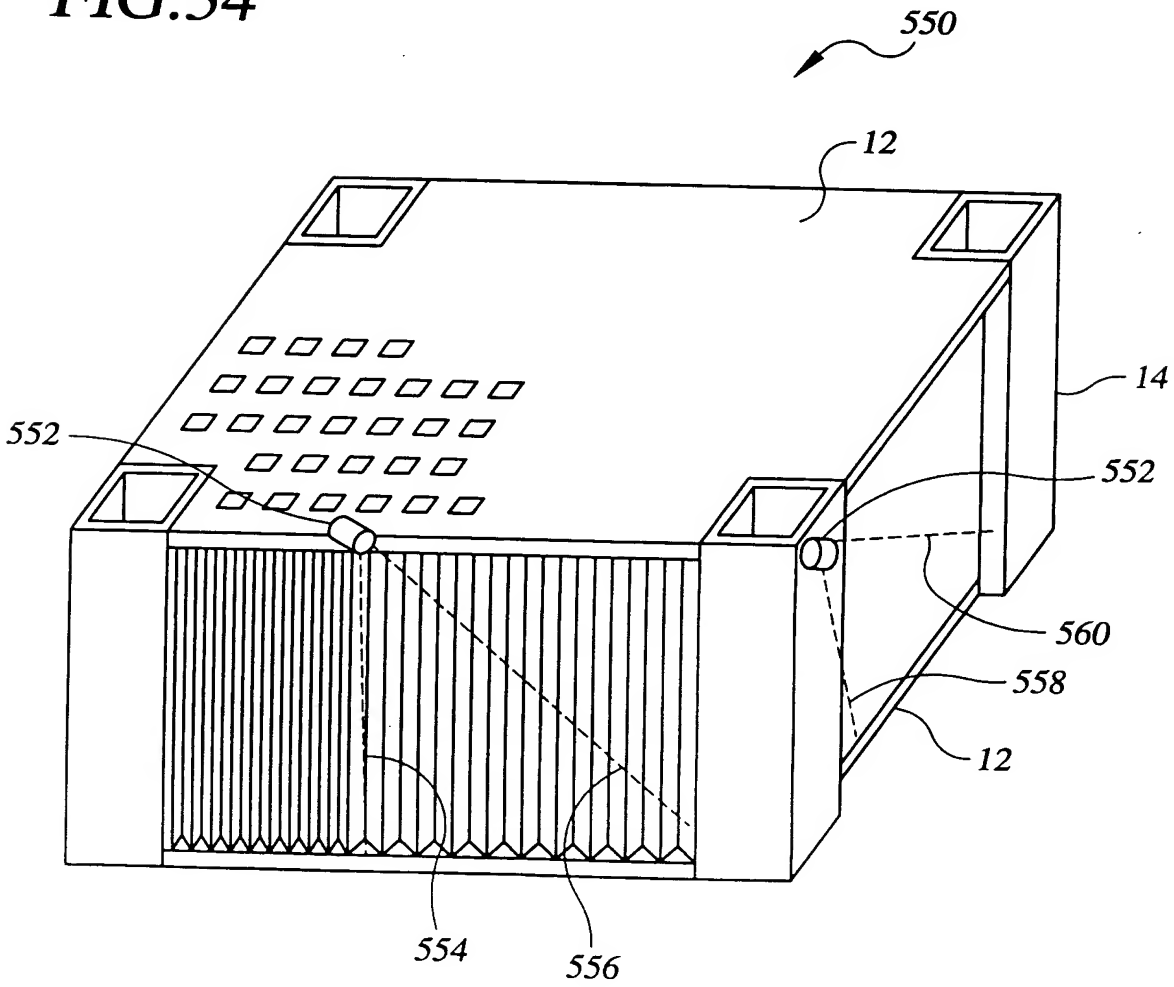

FIG.35

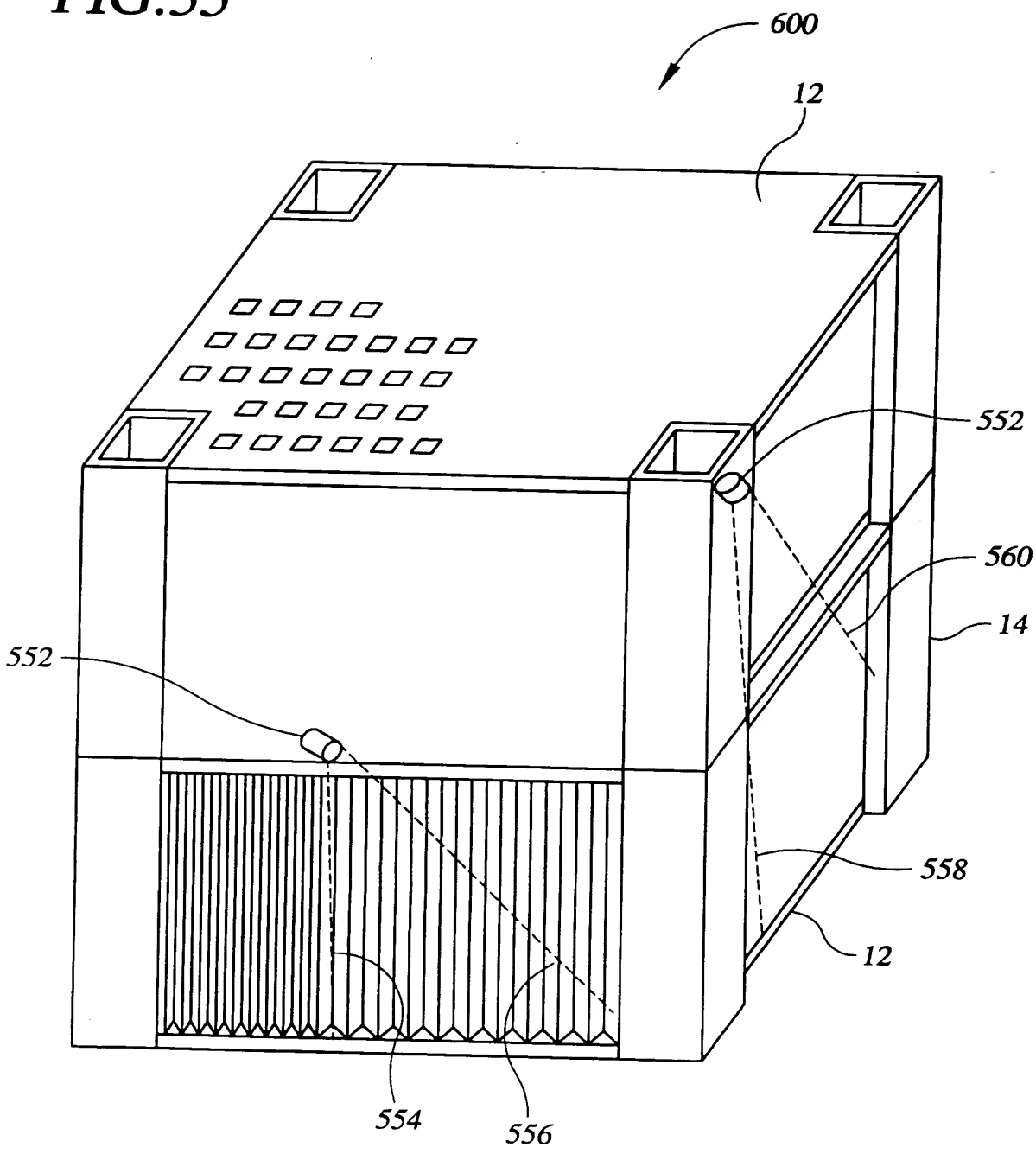

FIG.36

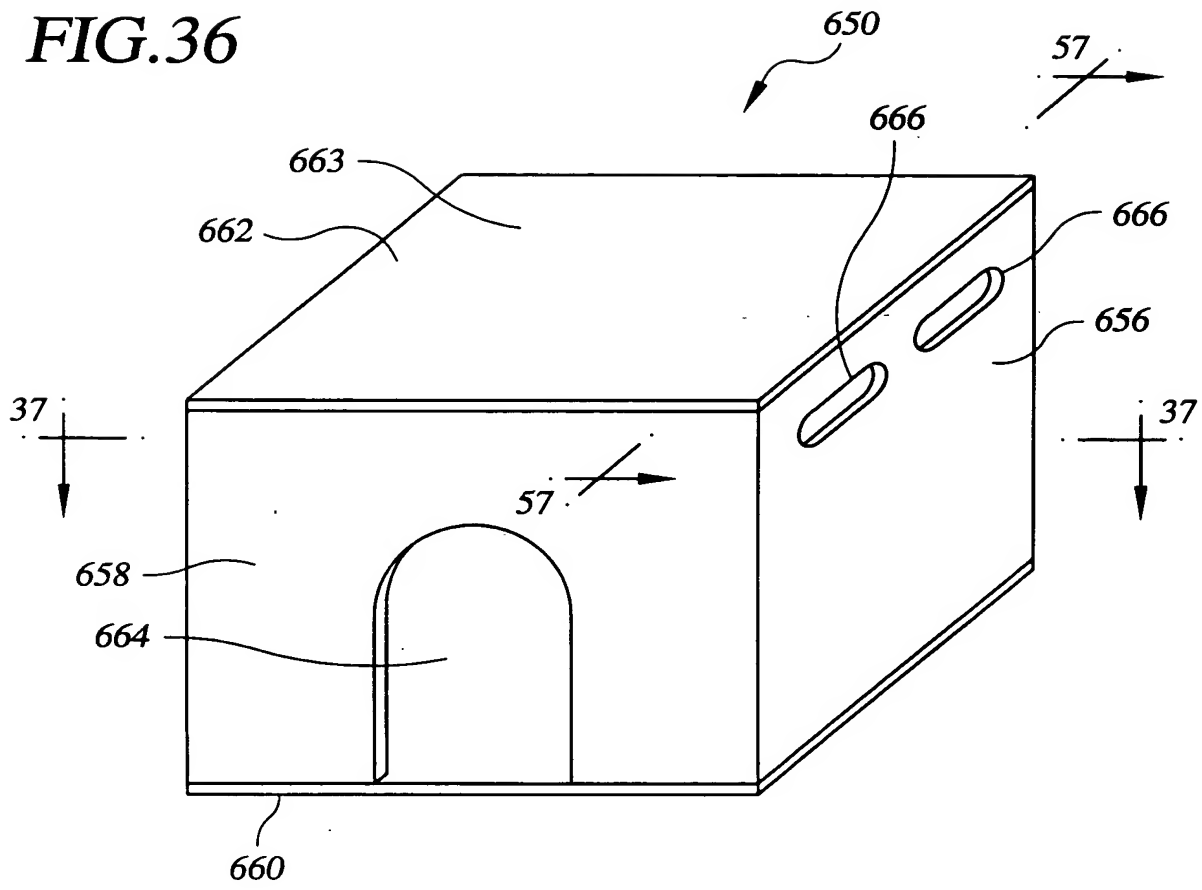
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FIG.37

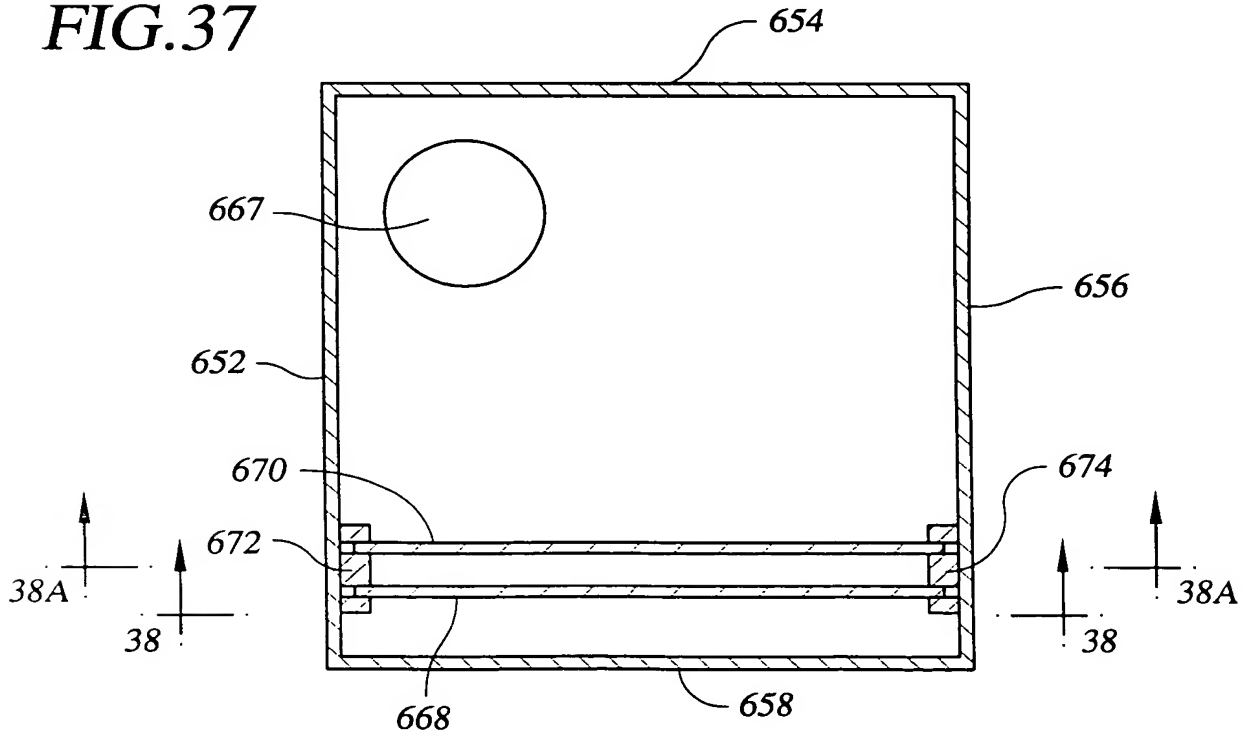
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FIG.38

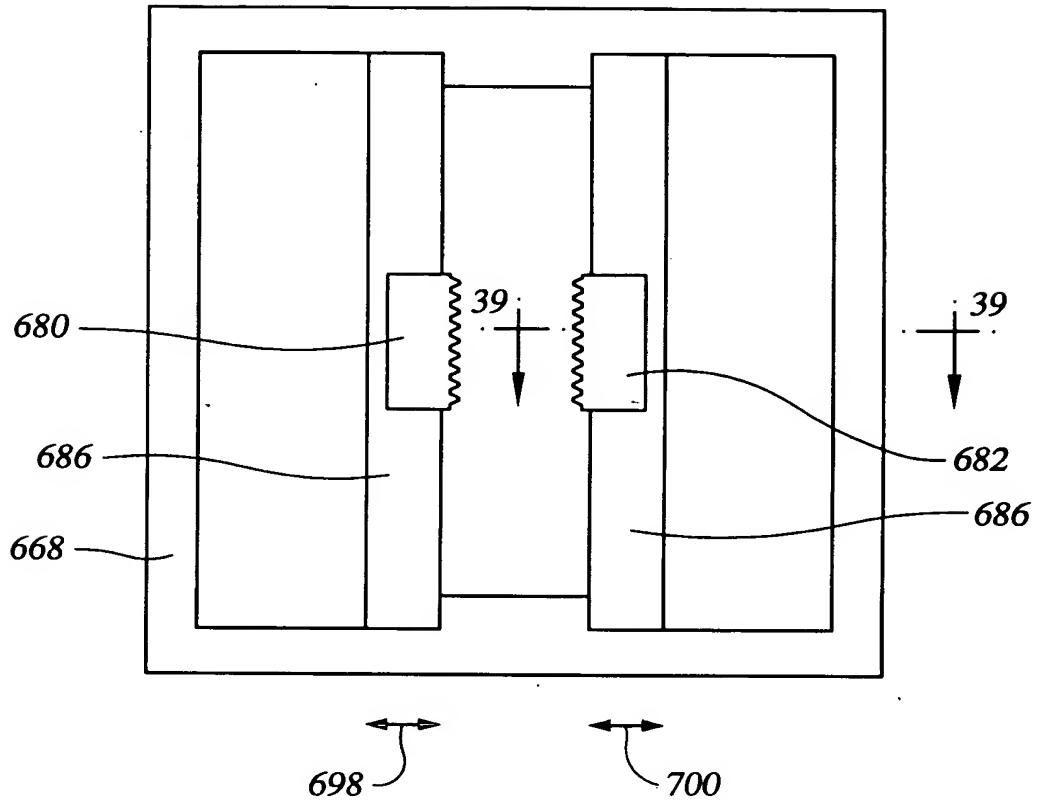


FIG.38A

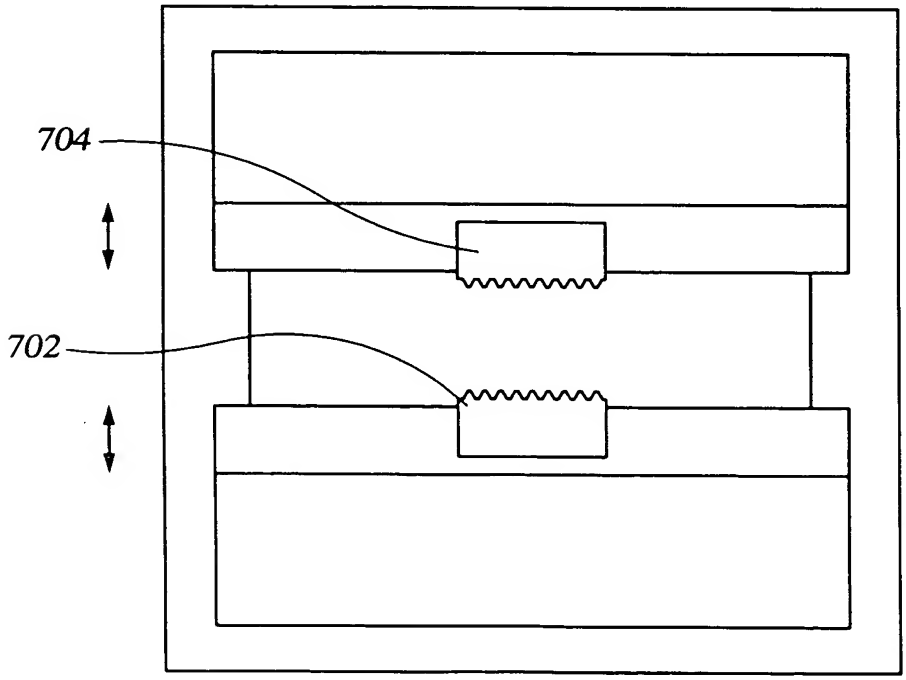


FIG.39

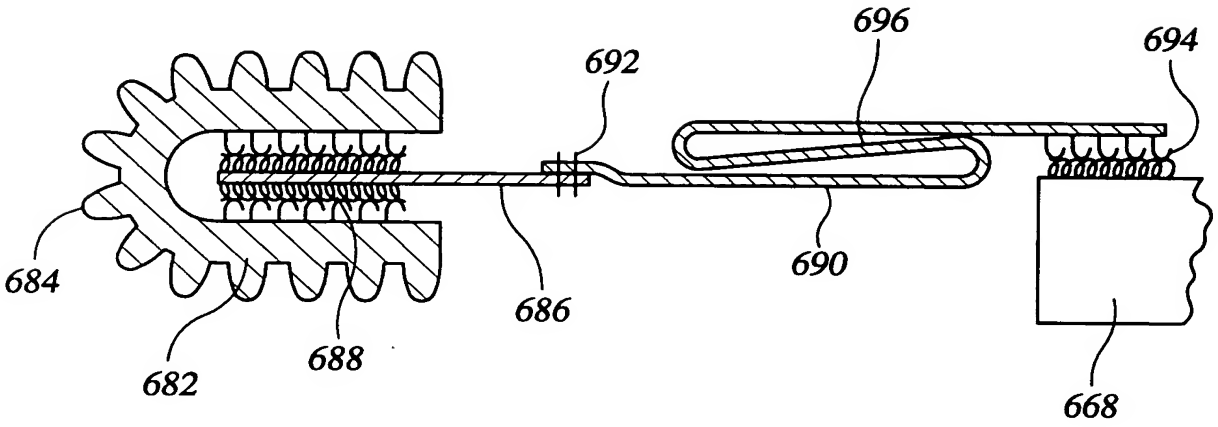


FIG.40

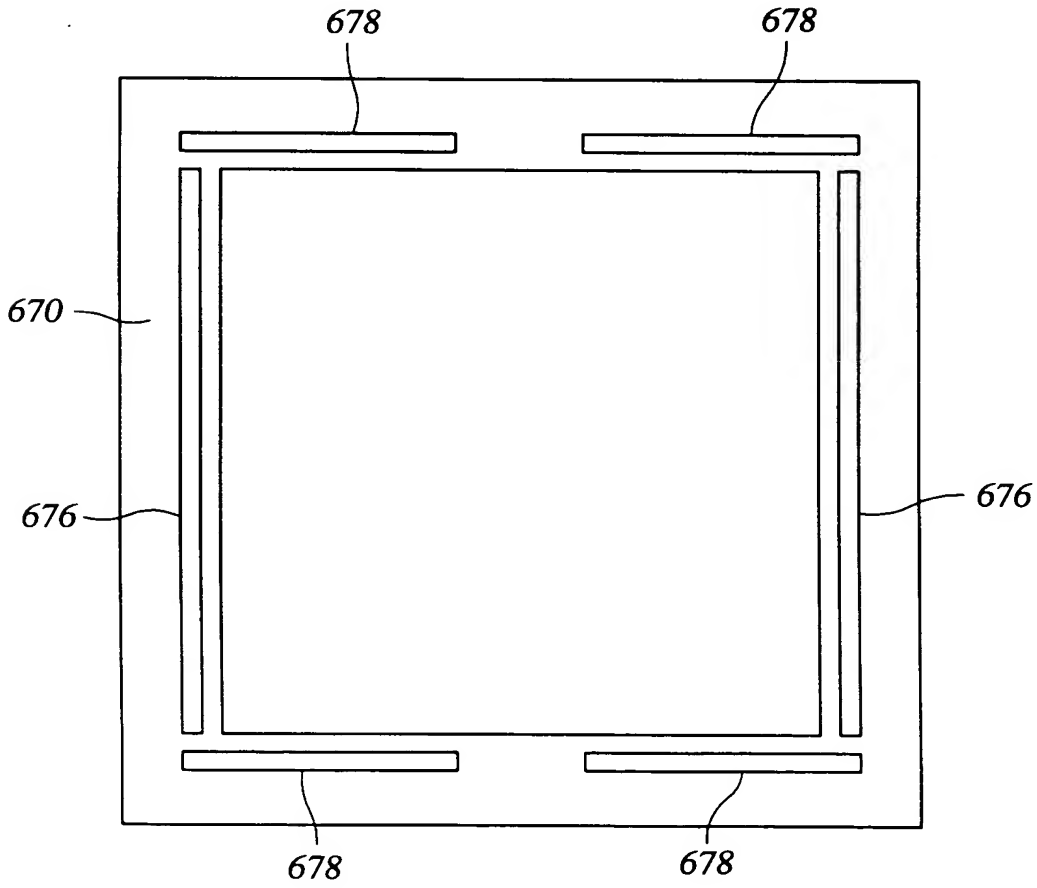


FIG.41

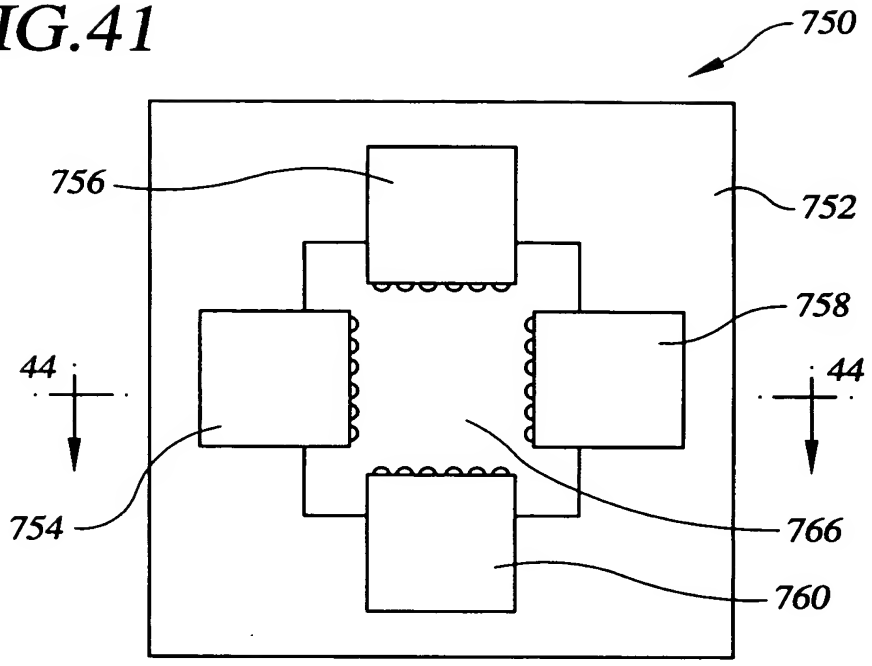
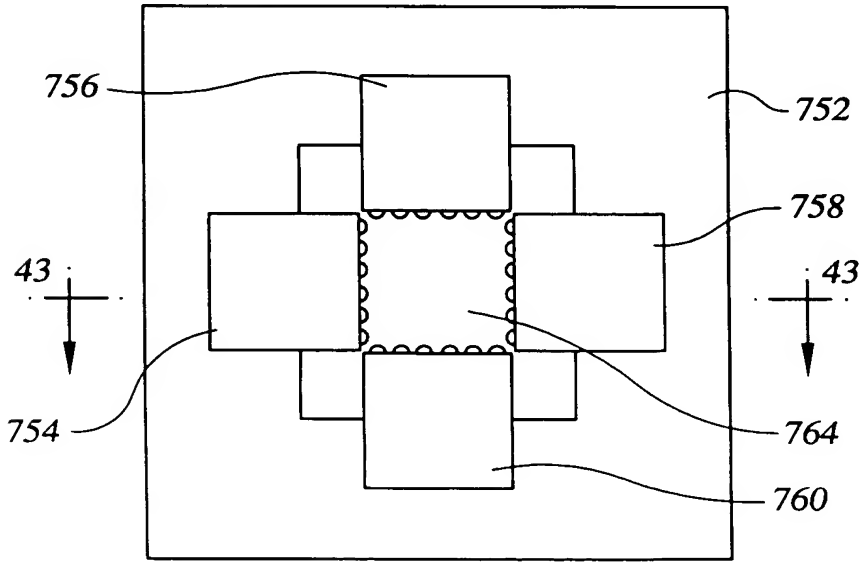


FIG.42



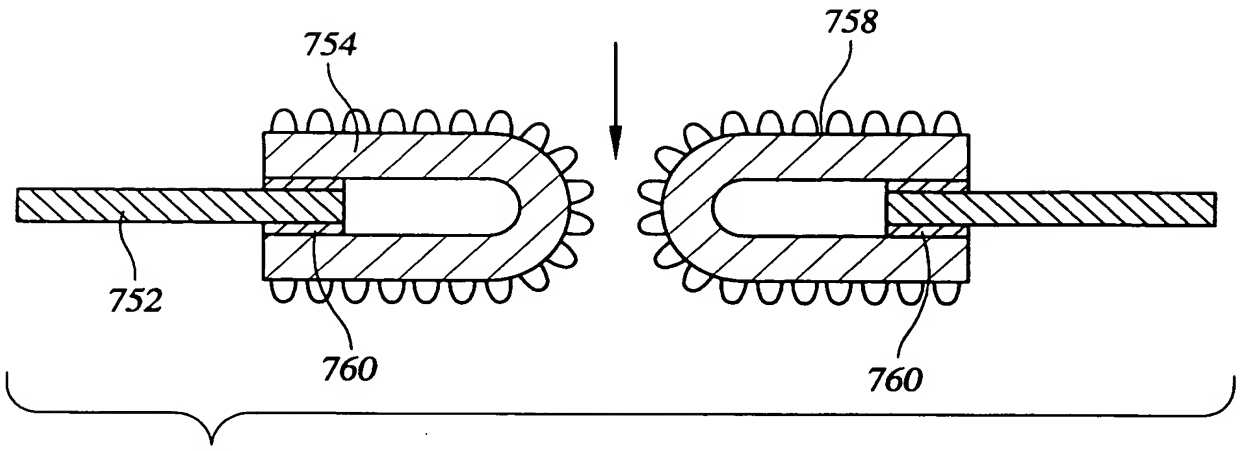


FIG.43

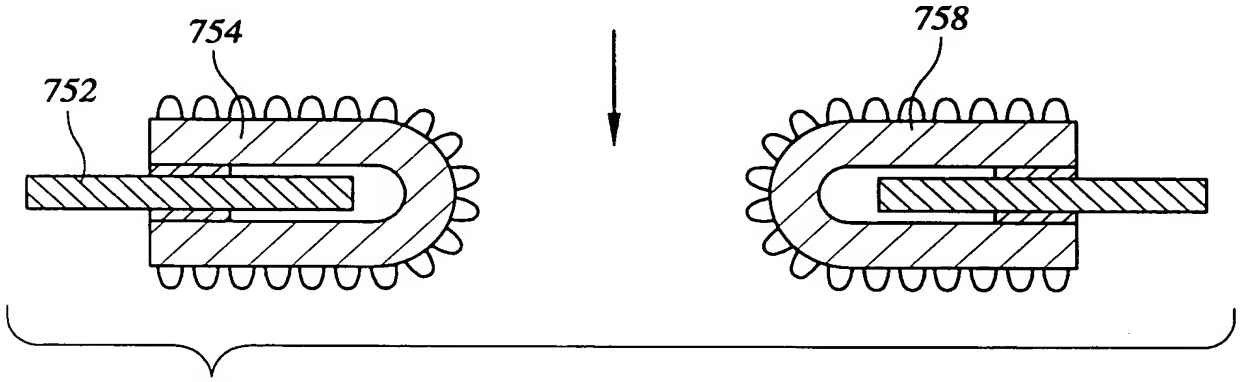


FIG.44

FIG.45

FIG.46

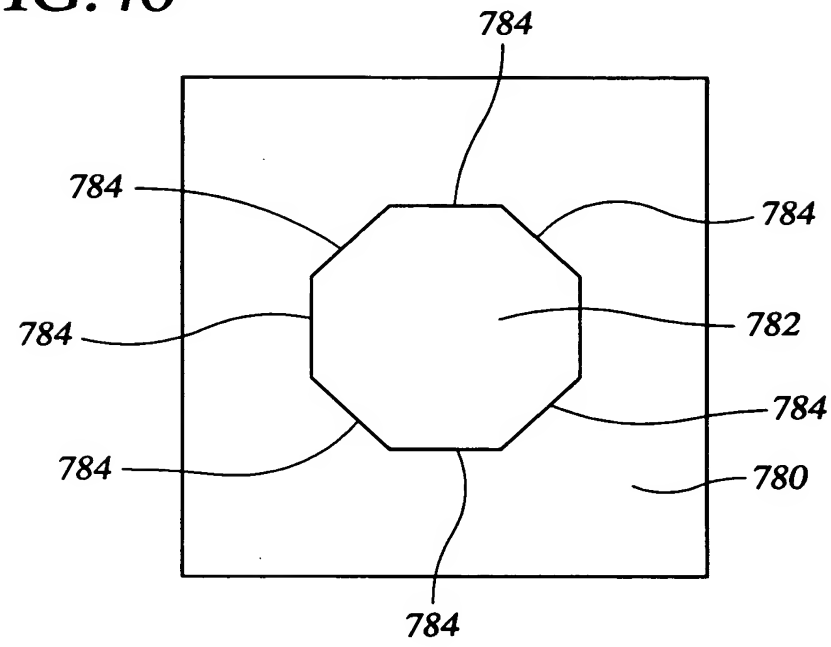


FIG.47

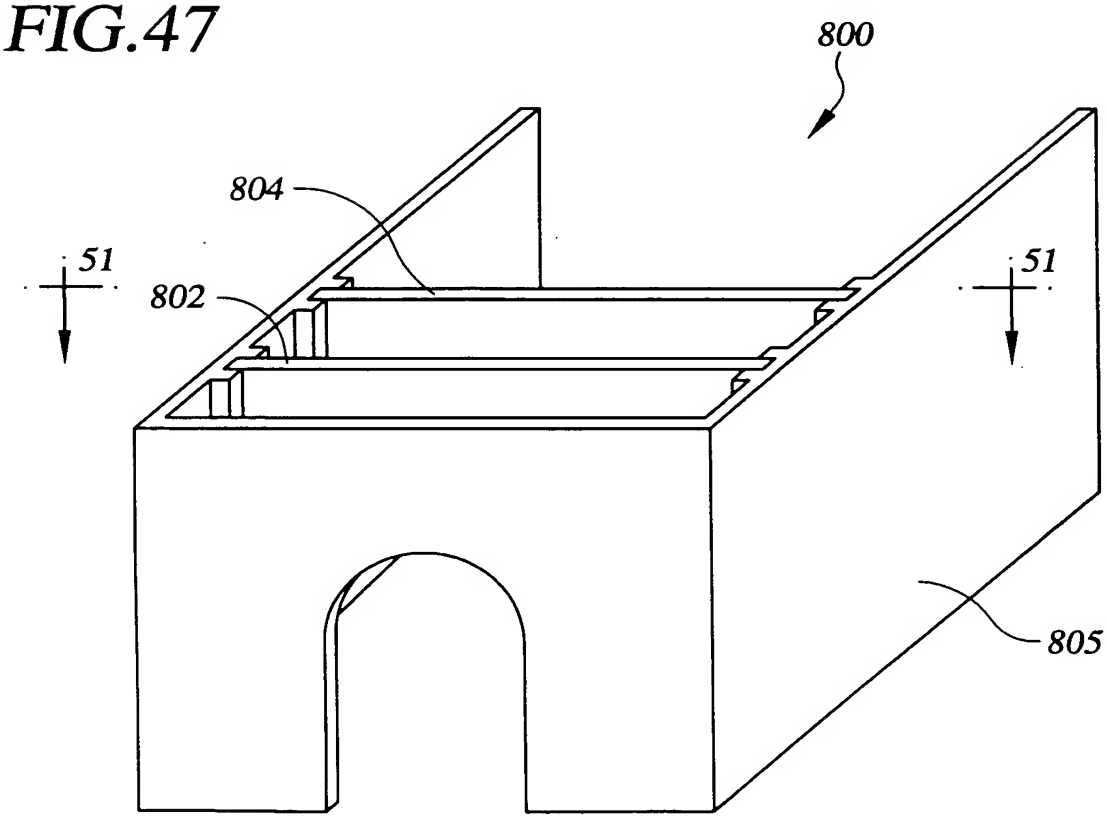


FIG.48

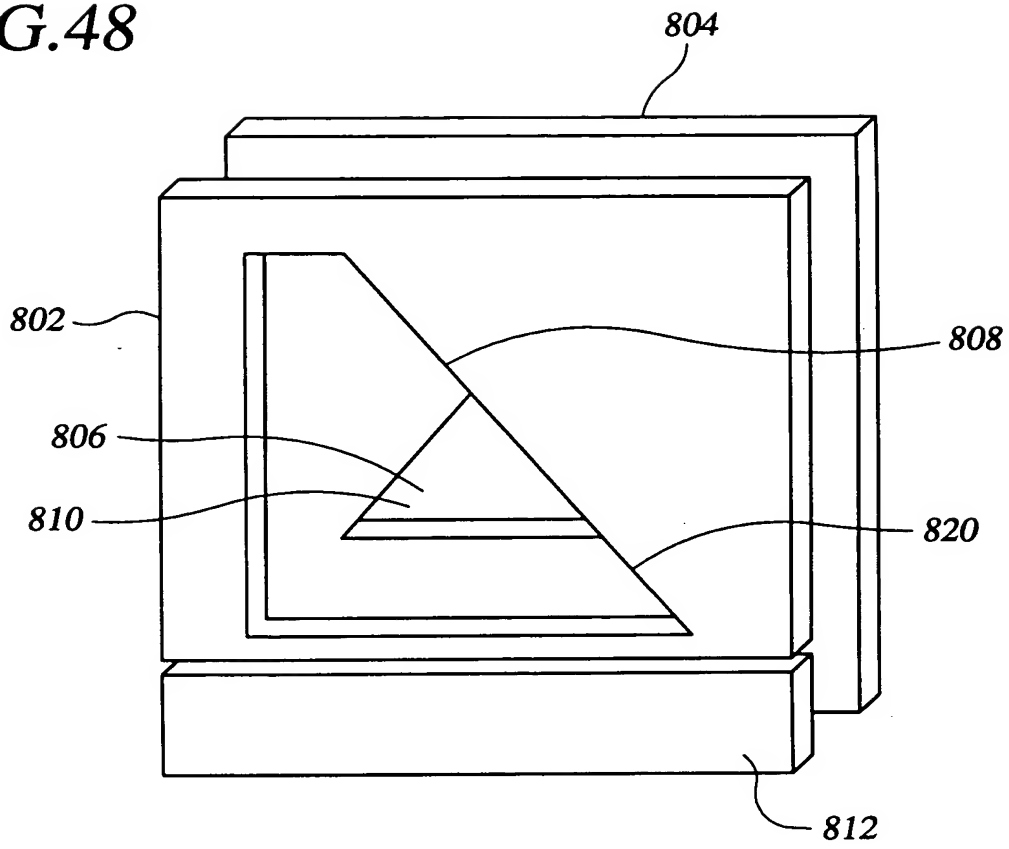


FIG.49

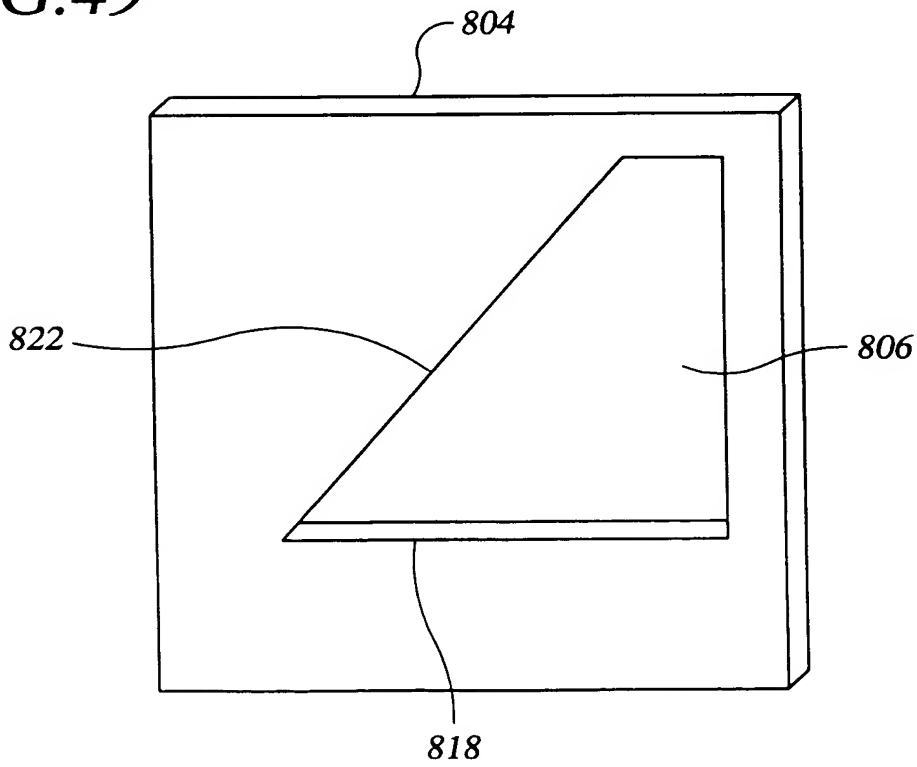


FIG.50

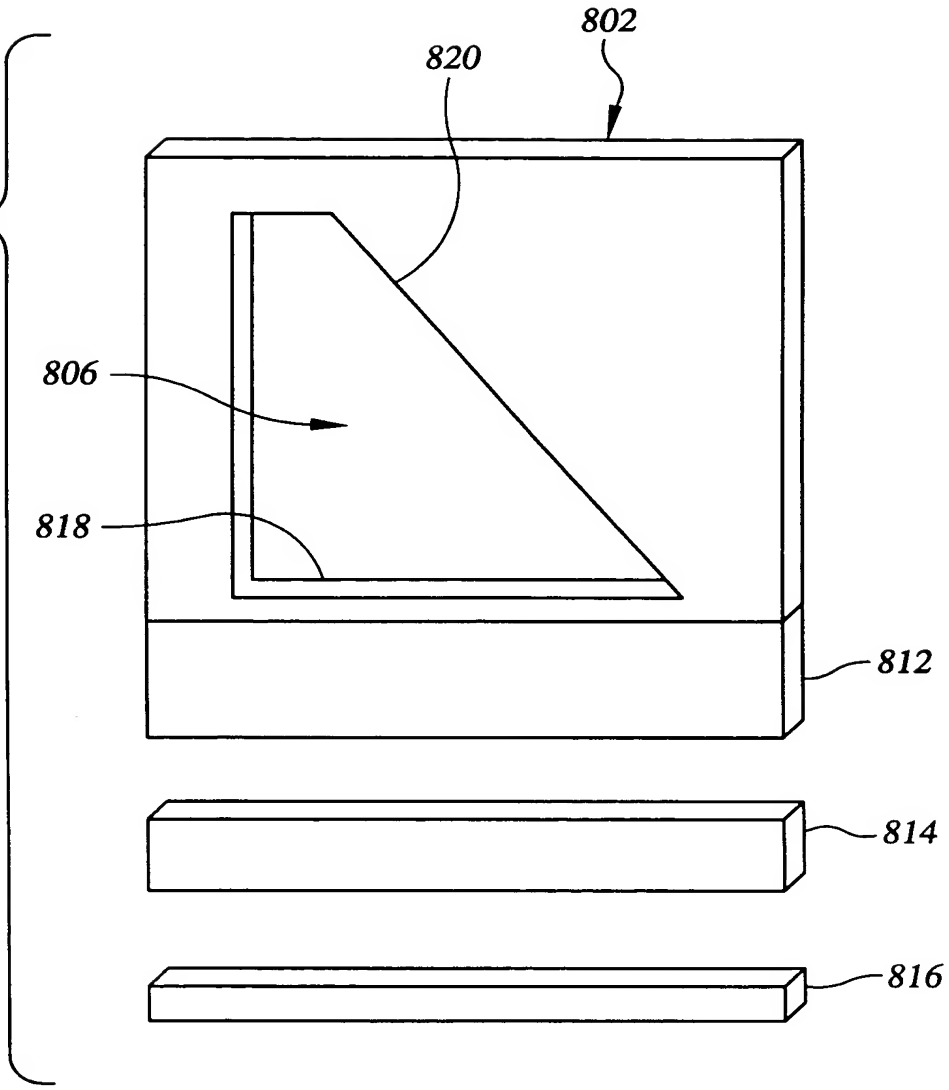


FIG.51

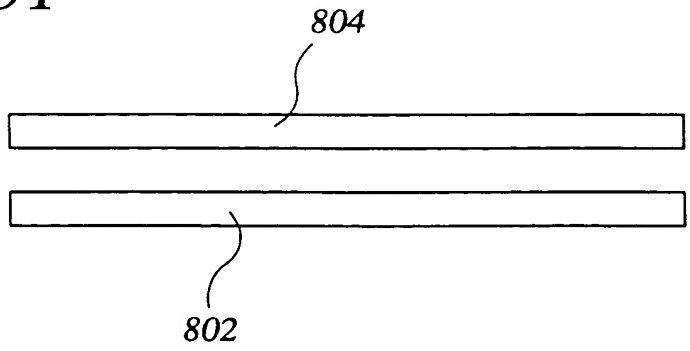


FIG.52

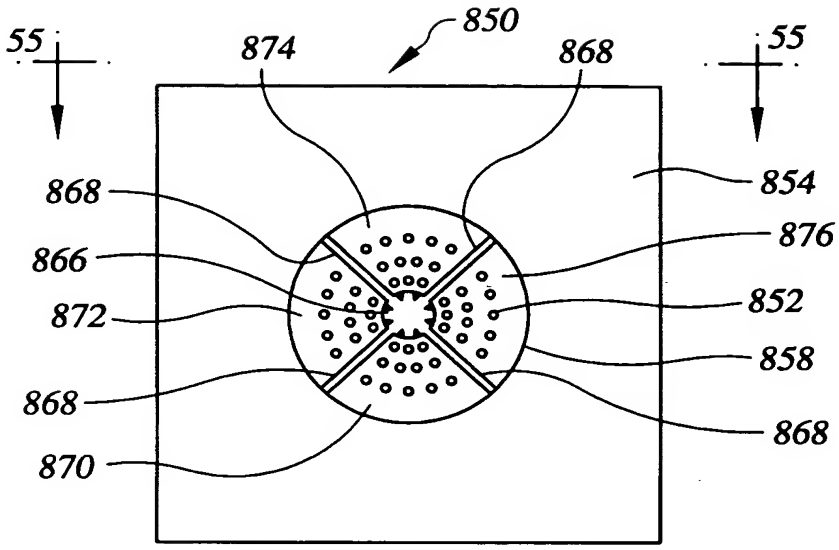


FIG.53

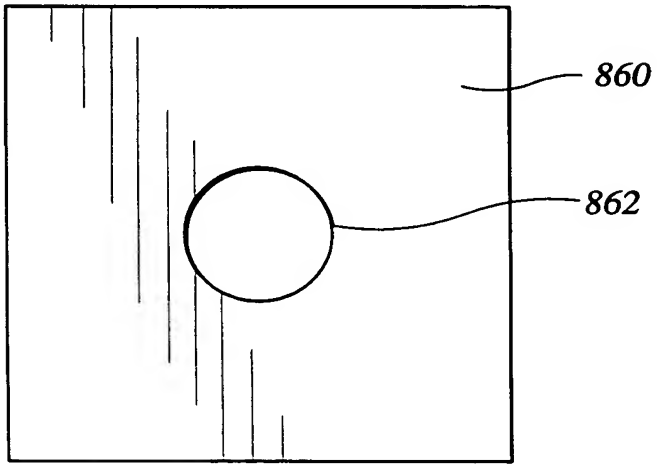


FIG.54

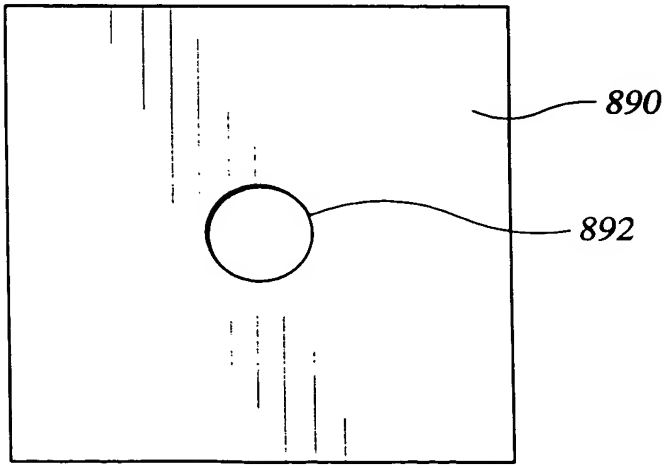


FIG.55

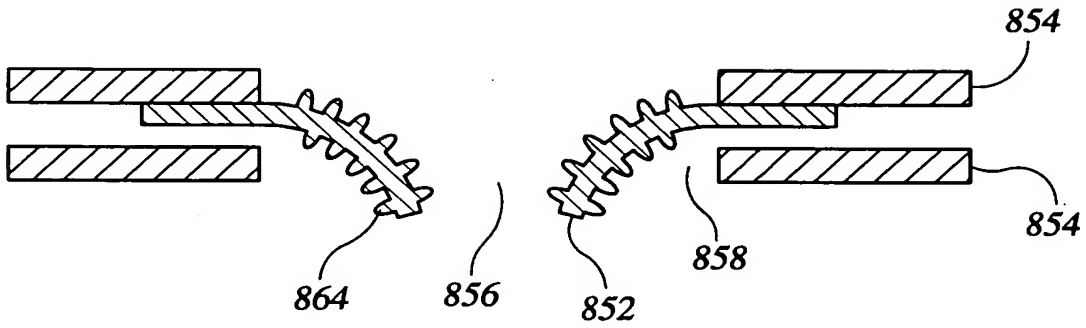


FIG.56

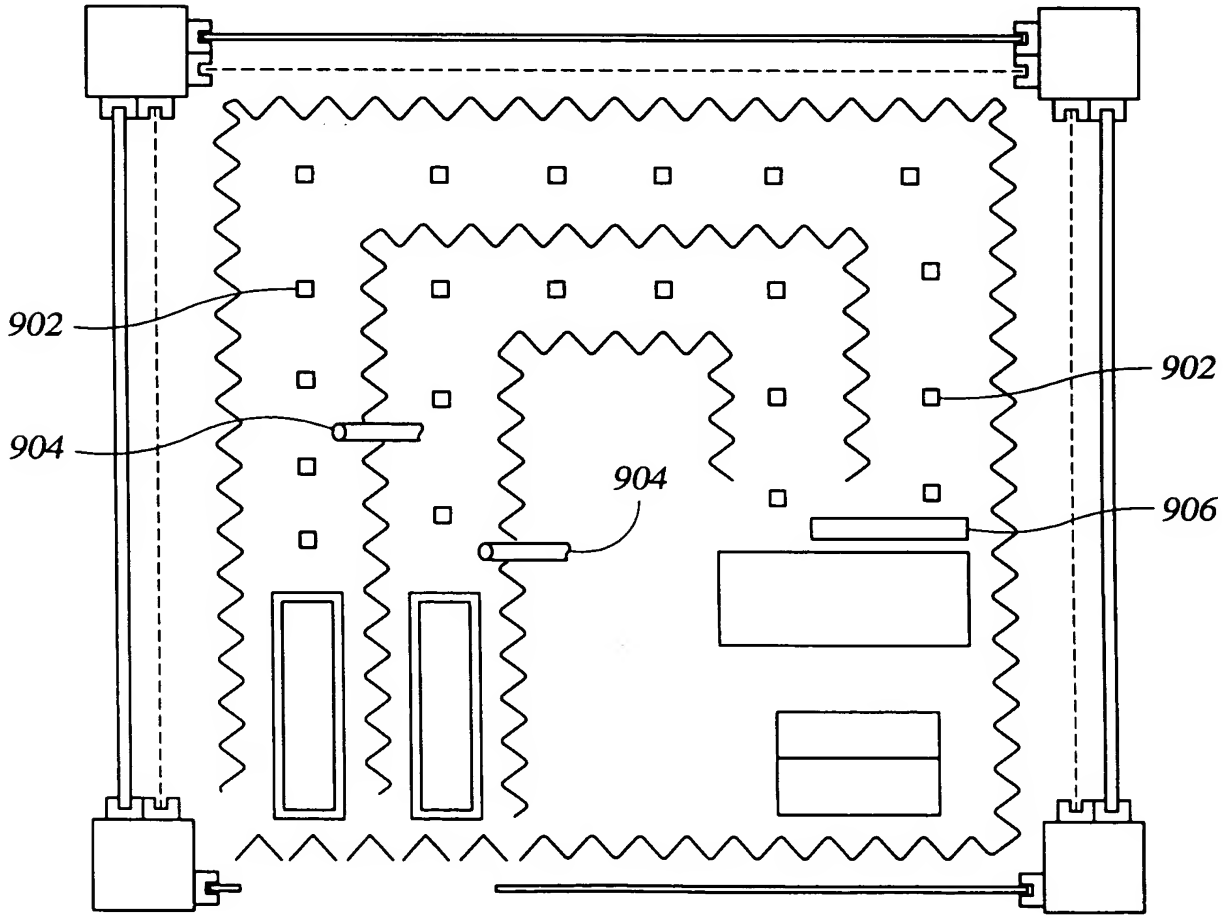
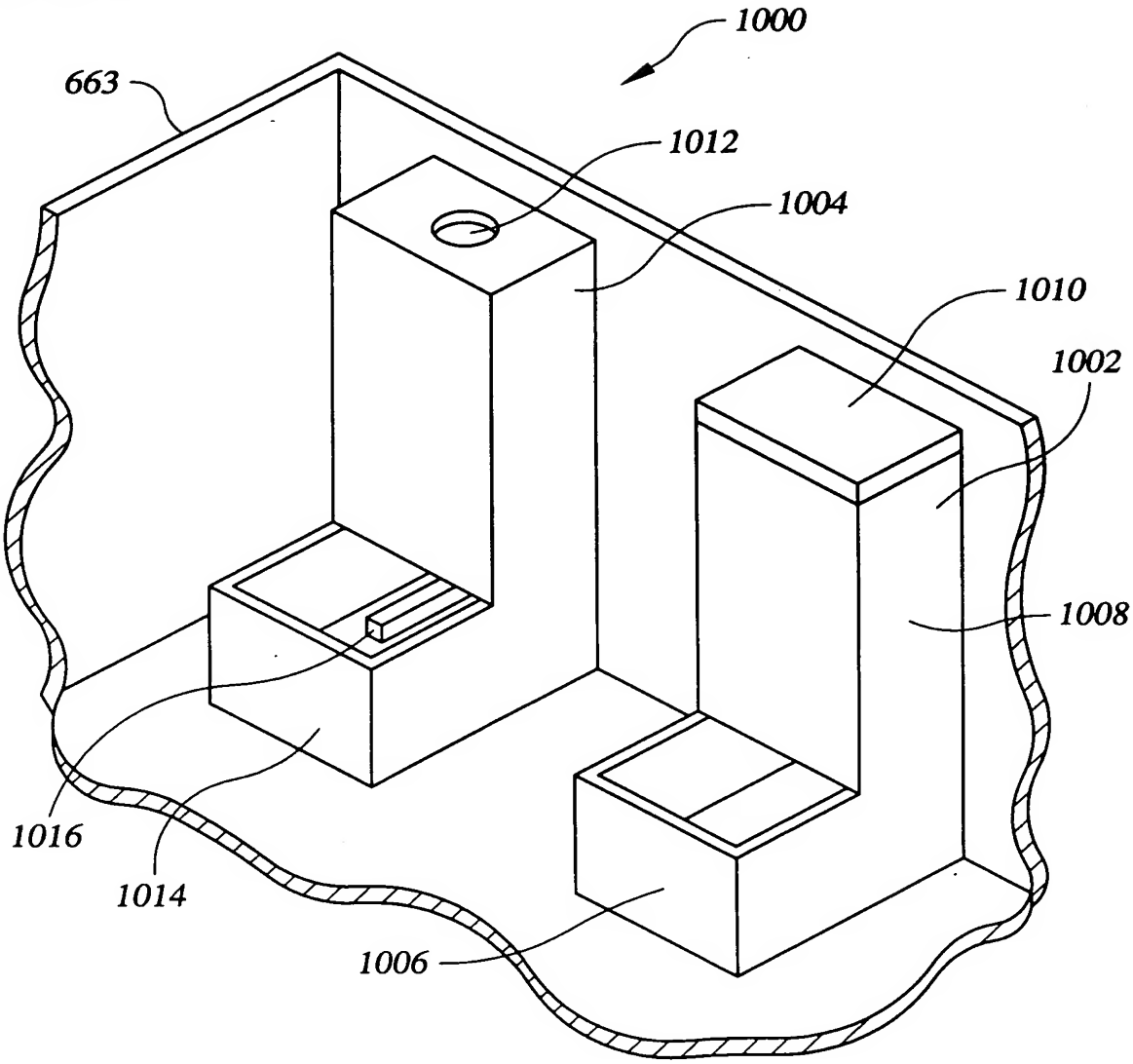



FIG.57